CONSTRUCTION NEWS

Some of the Week's Large Projects

AMONG the announcements for the current week are the following:

Proposed Work

Railway, North and South Carolina, Piedmont & Northern Ry. making plans, $15,000,000.

Streets, Los Angeles, Calif., making plans, $7,425,000.

Office and theatre, St. Louis, Mo., W. Fox Film Co. takes bids after Nov. 25, $5,000,000.

Railways, Calif., City of San Francisco and San Francisco Co. plan election, $3,531,000.

Bridges, Pittsburgh, Pa., Comrs. Allegheny Co. making plans, $2,100,000.

Exchange, Dallas, Tex., Southwestern Bell Telephone Co. having plans prepared, first unit, $2,000,000.

Apartment, Chicago, Ill., Syndicate having plans prepared, $2,000,000.

Hospital, Flint, Mich., Hurley Hospital takes bids after Dec. 1, $1,600,000.

Hotel, Quebec, Que., Canadian Pacific R.R. Co. having plans prepared, $1,500,000.

Theatre and store, Philadelphia, Pa., A. H. Erlanger, C. D. Dillingham & Stanley Co. of America having sketches prepared. $1,500,000.

Schools, Durham, N. C., election Dec. 7, $1,250,000.

Theatre, Aurora, Ill., A. M. Hirsh having preliminary plans prepared, $1,200,000.

Streets, Los Angeles, Calif., Bd. Pub. Wks. soon takes bids, $1,100,000.

Viaduct, Boston, Mass., City and Commonwealth of Massachusetts making plans, $1,000,000.

Bridge, Chicoutimi, Que., Provincial Government, Que., making plans, $1,000,000.

Disposal plant, Cleveland, O., city making plans and takes bids after May 1, $1,000,000.

Garage, South Boston, Mass. Andrew Sq. Terminal Co., Inc. having plans prepared, $1,000,000.

High School, Bayonne, N. J., Bd. Educ. having plans prepared, $1,000,000.

Bids Desired

Office, Cincinnati, O., Nov. 29, by Garber & Woodward, $3,000,000.

Contracts

Powerhouse, Brooklyn, N. Y., Bush Terminal, Inc., to Turner Constr. Co., $1,500,000.

Foundation, Cleveland, O., Cleveland Club to S. W. Emerson Co., $1,500,000.

Office, Baltimore, Md., Bd. Awards to J. Henry Miller, Inc., $1,498,000.

Bridge, Massachusetts-Metropolitan Dist. Comn. to T. Stuart & Sons Co., $1,118,350.

Factory, Cincinnati, O., J. Van Range Co. to Arnold Eng. C., $1,000,000.

Classified Index of Bids Wanted

Waterworks

Bids close		*See Eng. News-Record*
Nov. 26	Moose Jaw, Sask.	Nov. 25
Nov. 30	Lyman, Neb.	Nov. 25
Dec. 1	Cleveland, O.	Nov. 25
Dec. 1	Brockwell, Okla.	Nov. 25
Dec. 1	Baltimore, Md.	Nov. 25
Dec. 1	New York, N. Y.	Nov. 25
Dec. 3	Brooklyn, N. Y.	Nov. 25
Dec. 3	New York, N. Y.	Nov. 25
Dec. 6	Delano, Calif.	Nov. 18
Dec. 6	San Luis Obispo, Calif.	Nov. 25
Dec. 6	McCook, Neb.	Nov. 25
Dec. 7	Spartanburg, S. C.	Nov. 18
Dec. 7	St. Louis, Mo.	Nov. 11
Dec. 9	Newark, N. J. Adv. Nov. 18 and 25.	Nov. 25
Dec. 10	Hawthorne, N. J.	Nov. 18
Dec. 14	St. Louis, Mo.	Nov. 11
Dec. 15	Adams, N. Y. Adv. Nov. 25.	Nov. 25
Dec. 20	New Orleans, La. Adv. Oct. 21 to Nov. 25.	Oct. 21
Dec. 23	Waukegan, Ill.	Nov. 18
Dec. 23	Waukegan, Ill. Adv. Nov. 25.	Nov. 25

Sewers

Nov. 29	Jamestown, N. Y.	Nov. 11
Nov. 30	Montgomery, Minn.	Nov. 11
Dec. 2	Mamaroneck, N. Y. Adv. Nov. 18 and 25.	Nov. 18
Dec. 3	New York, N. Y.	Nov. 25
Dec. 6	Los Angeles, Calif.	Nov. 25
Dec. 8	Detroit, Mich.	Nov. 18
Dec. 10	Louisville, Ky.	Nov. 11
Dec. 15	Grand Island, Neb. Adv. Nov. 25.	Nov. 25

Waste Disposal

Nov. 30	Meadville, Pa.	Nov. 25
Dec. 8	Ardmore, Pa. Adv. Nov. 18 and 25.	Nov. 18

Bridges

Nov. 30	Phila., Pa.	Nov. 11
Nov. 30	Forestport, N. Y. Adv. Nov. 18 and 25.	Nov. 18
Dec. 1	White Plains, N. Y. Adv. Nov. 11 to 25.	Nov. 18
Dec. 1	Delaware	Nov. 11
Dec. 1	Jacksonville, Fla.	Nov. 25
Dec. 6	Malvern, Ark.	Nov. 25
Dec. 6	New Jersey Adv. Nov. 18 and 25.	Nov. 25
Dec. 7	Dayton, O.	Nov. 18
Dec. 8	White Plains, N. Y. Adv. Nov. 11 to 25.	Nov. 18
Dec. 8	Deschambault, Que.	Nov. 11
Dec. 15	Atlantic City, N. J. Adv. Nov. 25.	Nov. 25
Dec. 20	Two Rivers, Wis. Adv. Nov. 25.	Nov. 25

Excavation, Drainage, Irrigation, Levees, River and Harbor

Bids close		*See Eng. News-Record*
Dec. 6	Cotulla, Tex	Nov. 11
Dec. 6	New Orleans, La.	Nov. 25
Dec. 7	Bay St. Louis, Miss.	Nov. 11
Dec. 7	New Orleans, La.	Nov. 25
Dec. 7	Pineville, La.	Nov. 25
Dec. 12	Louisiana	Nov. 18

Streets and Roads

Nov. 29	Evansville, Ind.	Nov. 11
Nov. 29	Arkansas	Nov. 25
Nov. 29	Long Island City, N. Y.	Nov. 25
Nov. 30	St. Louis, Mo.	Nov. 11
Nov. 30	Minnesota	Nov. 11
Nov. 30	Columbus, O.	Nov. 11
Nov. 30	Chicago, Ill.	Nov. 25
Nov. 30	Mandeville, La.	Nov. 25
Nov. 30	Baltimore, Md.	Nov. 25
Dec. 1	Muskogee, Okla.	Nov. 25
Dec. 1	Baltimore, Md.	Nov. 25
Dec. 1	Crescent, Okla.	Nov. 25
Dec. 1	Mt. Pleasant, Mich	Nov. 25
Dec. 2	Smith Center, Kan.	Nov. 18
Dec. 3	Cincinnati, O.	Nov. 25
Dec. 3	New York, N. Y.	Nov. 25
Dec. 4	Idaho	Nov. 18
Dec. 6	Santa Barbara, Calif.	Nov. 18
Dec. 6	Martinez, Calif.	Nov. 18
Dec. 6	Pineville, W. Va.	Nov. 25
Dec. 6	Los Angeles, Calif.	Nov. 25
Dec. 6	Okemah, Okla.	Nov. 25
Dec. 7	Gulfport, Miss.	Nov. 25
Dec. 7	Lebanon, Ind.	Nov. 25
Dec. 7	Crown Point, Ind.	Nov. 25
Dec. 7	Pennsylvania Adv. Nov. 18 and 25.	Nov. 18
Dec. 7	Jackson, Miss.	Nov. 25
Dec. 8	Anamosa, Ja.	Nov. 25
Dec. 8	Orlando, Fla. Adv. Nov. 25.	Nov. 25
Dec. 13	California	Nov. 25
Dec. 17	Tennessee	Nov. 4
Jan. 7	Kentucky	Nov. 11

Buildings—Commercial

Nov. 26	Akron, O.	Nov. 25
Nov. 27	Oshkosh, Wis.	Nov. 25
Nov. 29	Cincinnati, O.	Nov. 25
Nov. 29	Cedar Rapids, Ia.	Nov. 11
Nov. 29	Cedar Rapids, Ia.	Nov. 18
Nov. 30	Ossining, N. Y.	Nov. 11
Dec. 1	Sioux City, Ia.	Nov. 18
Dec. 1	Phila., Pa.	Nov. 25
Dec. 1	Chicago, Ill.	Nov. 25
Dec. 2	Atlantic City, N. J.	Nov. 18
Dec. 5	Chicago, Ill.	Nov. 25
Dec. 6	Milwaukee, Wis.	Nov. 11
Dec. 14	Dayton, O.	Nov. 25

Bids close		*See Eng. News-Record*
Dec. 15	New York, N. Y. Adv. Nov. 4 to 25.	Nov. 4
Dec. 18	Franklin, Pa.	Nov. 25
Jan. 1	Wash., D. C.	Oct. 7

Buildings—Industrial

Nov. 30	Chicago, Ill.	Nov. 25
Dec. 9	Akron, O.	Nov. 25
Jan. 1	Salem, O.	Sept. 30

Buildings—Educational, Religious

Nov. 26	Union City, N. J.	Nov. 18
Nov. 29	Rocky River, O.	Nov. 4
Nov. 29	Adrian, Mich.	Nov. 11
Nov. 29	Macon, Ga.	Nov. 18
Dec. 1	Indianapolis, Ind.	Oct. 21
Dec. 1	Duluth, Minn.	Oct. 21
Dec. 1	Belleville, Ont.	Nov. 11
Dec. 1	Hyde Park (br. Boston), Mass.	Nov. 18
Dec. 1	Athens, Ga.	Nov. 25
Dec. 1	Phila., Pa.	Nov. 25
Dec. 2	Towson, Md.	Nov. 25
Dec. 4	Seattle, Wash.	Nov. 18
Dec. 6	Seattle, Wash.	Nov. 18
Dec. 6	San Luis Obispo, Calif.	Nov. 25
Dec. 7	Swarthmore, Pa. Adv. Nov. 25.	Nov. 25
Dec. 7	Jamaica, N. Y.	Nov. 25
Dec. 8	San Francisco, Calif.	Nov. 25
Dec. 9	Racine, Wis.	Nov. 25
Dec. 15	Tulsa, Okla.	Nov. 18
Dec. 15	Grosse Pointe (br. Detroit), Mich.	Nov. 25
Jan. 1	Wash., D. C.	Oct. 7
Jan. 3	L'Anse, Mich.	Nov. 11
Feb. 1	Wash., D. C.	Oct. 7

Federal Government Work

Nov. 29	Switching Towers—Denver, Colo.	Nov. 18
Nov. 29	Post Office—Montevideo, Minn.	Nov. 11
Nov. 30	Powerhouses—Louisville, Ky. Adv. Nov. 4 to 25.	Nov. 4
Nov. 30	Refrigerating Plant—Camp Custer (br. Battle Creek), Mich.	Nov. 11
Nov. 30	Post Office—Central City, Neb.	Nov. 11
Nov. 30	Remodeling—Annapolis, Md.	Nov. 11
Nov. 30	Post Office—Caribou, Me.	Nov. 18
Nov. 30	Removing Rip Rap, etc.—New Castle, Del.	Nov. 25
Nov. 30	Magazine—Peeskill, N. Y.	Nov. 25
Dec. 1	Remodeling—Janesville, Wis.	Nov. 18
Dec. 1	Dredging—Hilo, T. H.	Nov. 18

See proposal advertising on page 113

TRADE "LEADITE" MARK
Registered U. S. Pat. Office

Good Pipe Joints

Laying 36-in. c. i. Water Mains with Leadite Joints

Has it occurred to you why so many water works men are using Leadite for making joints in all sizes of cast iron water mains?

There are many sound reasons.

The most important reason is that experience has proven Leadite joints are good joints and improve with age.

The other reasons relate to saving in the cost of material and labor.

Leadite facilitates rapid completion of the work.

Leadite saves money from every angle of pipe laying.

Anyone can make Leadite joints; Leadite is very easy and simple to handle.

Yarn the joint, pour it full of molten Leadite, and the joint is finished.

If you have never tried Leadite, do not pass up a good thing without investigating it.

Give Leadite a trial.

Leadite resists electrolysis.

Leadite does not corrode or rust.

Leadite has been successfully tested and used for over 30 years.

Thousands of miles of pipe jointed with Leadite are in service.

The up-to-date water works man specifies and uses LEADITE.

LEADITE saves at least 75%

LEADITE is the pioneer self-caulking material for c. i. pipe

Be Sure It Is LEADITE and Accept No Imitations

THE LEADITE COMPANY, Inc.

1512 Land Title Building, Philadelphia, Pa., U. S. A.

NO CAULKING

Bids close		See Eng. News-Record
Dec. 1	Storehouse—Anacostia, D. C.	Nov. 18
Dec. 2	Post Office—Newburyport, Mass.	Nov. 18
Dec. 3	Post Office—Southbridge, Mass. Adv. Nov. 18 and 25.	Nov. 18
Dec. 3	Enlarging—Mishawaka, Ind.	Nov. 18
Dec. 4	Removing Dredge—New Jersey Adv. Nov. 11 to 25.	Nov. 11
Dec. 6	Unwatering Lock Chamber —Louisville, Ky. Adv. Nov. 11 to 25.	Nov. 11
Dec. 6	Pump—Jacksonville, Fla. Adv. Nov. 11 to 25.	Nov. 11
Dec. 6	Incinerator—Fort Thomas, Ky.	Nov. 25
Dec. 7	Additional Story—Birmingham, Ala. Adv. Nov. 18 and 25.	Nov. 18
Dec. 7	Post Office—Branford, Conn.	Nov. 18
Dec. 8	Repairs—Port Aransas, Tex. Adv. Nov. 18 and 25.	Nov. 18
Dec. 8	Post Office, etc.—Fort Fairfield, Me.	Nov. 25
Dec. 10	Dwellings—Edgewood, Md. Adv. Nov. 18 and 25.	Nov. 18
Dec. 11	Pumping Units—Wash., D. C. Adv. Nov. 18 and 25.	Nov. 18
Dec. 14	Post Office, etc.—Madison, Wis. Adv. Nov. 25.	Nov. 25
Dec. 15	Road—California	Oct. 28
Dec. 20	Jetty Repairs—Galveston, Tex. Adv. Nov. 25.	Nov. 25
Dec. 28	Canal—Easton, Wash.	Nov. 18

Unclassified

Nov. 29	Coal and Ash Handling Equipment—Willawaukee, Wis.	Nov. 25
Nov. 29	Outdoor Substation—Detroit, Mich.	Nov. 25
Nov. 29	Rubble Wall—Dorchester (Boston P. O.), Mass.	Nov. 25
Nov. 30	Refrigeration Work—Ossining, N. Y.	Nov. 11
Dec. 1	Aviary—Wash., D. C.	Oct. 7
Dec. 1	Comfort Stations—New York, N. Y.	Nov. 25
Dec. 3	Elevated Line—Brooklyn, N. Y.	Nov. 25
Dec. 3	Subway—New York, N. Y.	Nov. 25
Dec. 7	Gunite Concrete Line—Ventura, Calif.	Nov. 25
Dec. 8	Refrigerating Plant—Middletown, N. Y. Adv. Nov. 18 and 25.	Nov. 18
Dec. 9	Lighting System—Oakland, Calif.	Nov. 18
Dec. 10	Siphon—Oakland, Calif.	Nov. 11
Dec. 14	Street Lighting System — St. Louis, Mo.	Nov. 25
Dec. 15	Wharf—Nassau, Bahamas.	Nov. 18

Materials

Nov. 26	Girder Rail Crossings—Phila., Pa.	Nov. 18
Nov. 29	Fire Bricks, New York, N. Y.	Nov. 25
Nov. 29	Frogs, Switch Points, etc.— Phila., Pa.	Nov. 18
Nov. 30	Lumber, etc.—Indianola, Ia.	Nov. 18
Dec. 1	Creosoted Timber—Los Angeles, Calif.	Nov. 25
Dec. 1	Steel—Weed, Calif.	Nov. 25
Dec. 6	Lumber—Atlantic, Ia.	Nov. 25
Dec. 6	Bridge Timber—Creston, Ia.	Nov. 25
Dec. 6	Brick—Franklin, Pa.	Nov. 25
Dec. 7	Gravel—Louisiana	Nov. 25
Dec. 7	Bridge Timber—Audubon, Ia.	Nov. 18
Dec. 14	Cable, etc.—Wellington, New Zealand	Nov. 18

News of New Work

Waterworks

Proposed Work

Mass., Springfield—City, Water Dept., City Hall, making plans approximately 27,000 ft. 48 and 54 in. c.i. mains from Provin Mt. reservoir under Connecticut River to here. $750,000-$1,000,000. E. E. Lochridge, City Hall, engr.

Conn., New Britain—Plans pumping station, reserve reservoir, and raising dam at Shuttle Meadow Reservoir. $1,000,000. A. Hazen, 25 West 43rd St., New York City, engr. J. D. Williamson, city engr.

Md., Hagerstown—Making plans 10 m.g. pumping and filtration plant. G. A. Bean, 201 North Broad St., Phila., Pa. and Hagerstown, consult. engr. Noted June 3.

Miss., Iuka—Voted $50,000 bonds, waterworks. Noted Oct. 21.

Tenn., Centerville — Made preliminary plans new waterworks. $32,000. M. Bowen, mayor. Engineer not selected.

Wis., Milwaukee — See "Stretes and Roads."

Mo., Mansfield — Voted $40,000 bonds, complete waterworks and distribution system. J. W. Shikles & Co., 708 New York Life Bldg., Kansas City, engrs. Noted Nov. 11.

Mo., Neosho—Plans new election $35,000 bonds, waterworks and distribution system. Black & Veatch, 700 Mutual Bldg., Kansas City, engrs. Former election declared illegal. Noted Sept. 23.

Tex., Boerne — Defeated $60,000 bonds, extending mains, etc., in various streets. Terrell Bartlett Engineers, 612 Calcasieu Bldg., San Antonio, engrs.

Tex., Childress — Making preliminary plans, etc., waterworks improvements, incl. 3 additional units to filtering plant, 1 m.g. capacity reservoir and large supply line. $300,000 or more. Address J. E. Baker, city secy. Engineer announced soon.

Tex., Cooledge—Election Dec. 14, $20,000 bonds, improving waterworks. J. H. Gamel, mayor.

Tex., Mart — Election Nov. 30, $15,000 bonds waterworks, also $35,000 bonds, for refunding. Address Mayor.

Tex., McAllen—Texas South Coast Co. of Delaware soon takes bids 5 m.g. earthen reservoir on 1,300 acre plot ground, under development, known as Holly Beach, near here. $60,000. Private plans.

Okla., Antlers—Voted $23,000 bonds, new filter plant, pumps, 770 ft. 8 in. mains, etc. in various streets. Gantt-Baker Co., 1116 West Main St., Oklahoma City, engrs.

Okla., Bokchito — Making preliminary plans new waterworks, incl. 13,300 ft. 2- to 6-in. c.i. mains, triples pump and motor, well, tank, hydrants, etc. $20,000. Gantt-Baker Co., 1116 West Main St., Oklahoma City, engrs.

Okla., Brace (mail Fairvalley) — Plans new waterworks. $17,000. Musson & Co., Grain Exch. Bldg., Oklahoma City, engrs.

Okla., Clinton—Election soon to vote on bonds, improving filtration plant and extending mains in various streets. Benham Eng. Co., Gumbel Bldg., Kansas City, Mo., engrs.

Okla., Eldorado—Plans waterworks improvements. To exceed $15,000. Benham Eng. Co., 521 Gumbel Bldg., Kansas City, Mo., engrs. Noted Mar. 11.

Okla., Paden—Election Dec. 2, $36,000 bonds new waterworks, incl. 12,300 ft. 4- to 8-in. c.i. mains, deep well pumps, motors, tank valves, hydrants, etc. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Sept. 23.

Wash., Olympia — See "Excavation, Drainage, Irrigation, Levees, River and Harbor."

Calif., Ventura—Election in December, $300,000 bonds, improving waterworks. Brown-McDonnell-Smith Eng. Co., 422 Western Pacific Bldg., Los Angeles, engrs. Noted Sept. 9.

Calif., Whittier—Plans to purchase 3,000 ft. 6 in. c.i. water pipe. P. Gilmore, city clk.

Que., Quebec — City Council plans covered concrete reservoir for upper section of city. $400,000. J. A. Tremblay, Quebec, engr.

Ont., Toronto—Plans 30 m.g. electrically operated pumping plant as remedy to clear waters of Ashbridges Bay, $40,000; also 2½ mi. 6 in. c.i. mains Dewson St., Whitehall Rd., Highland Crescent, Leith Pl., Hudson and Douglas Drs., Walder, Oakcrest, Cedervale and Rosewell Aves., $17,000. R. C. Harris, City Hall, engr.

THESE reports are grouped under each class (water-works, sewers, etc.) and under each stage of the work (proposed, bids desired, etc.), according to the following geographic sections: New England, Middle Atlantic, South, Middle West, between Mississippi and Rocky Mountains, Far West, and Canada.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk, or corresponding official.

Bids Desired

N. Y., Adams—Dec. 15, by Bd. Trustees, Municipal Bldg., extending water system. D. Kenyon, village clk.; adv. E. N.-R. Nov. 25.

N. Y., Brooklyn—Dec. 3, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in Washington and Wortman Aves., Front, Hemlock, Stuart, and 76th Sts., etc., here.

N. Y., New York — Dec. 1, by P. J. Dooling, comr. Purchase, Municipal Bldg., corporation cocks and hydrant repair parts to Dept. Water Supply, Gas & Electricity.

N. Y., New York—Dec. 3, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains in Beach, Bronxwood, Gainsborg, Gleason Aves., etc., Bronx Boro; and in Bennett, 8th and Ft. Washington Aves., Manhattan Boro.

N. J., Newark—Dec. 9, by North Jersey Dist. Water Supply Comn., 24 Commerce St., B. W. Moore, Jr., chn., clearing and grubbing Wanaque Reservoir. M. R. Sherrerd, consult. engr.; adv. E. N.-R. Nov. 25. Noted Nov. 11.

Md., Baltimore—Dec. 1, by Bd. Awards, sectional 42 in. pipe for Montebello Pumping Station, for Mayor and City Council. V. B. Siems, City Hall, water engr.

O., Cleveland—Dec. 1, by Comrs. Cuyahoga Co., 6,000 ft. 6- to 8-in. c.i. mains in McRae Ave., Impvt. 576, $15,000; also 16,000 ft. 6, 8 and 12 in. in Columbia Rd., Impvt. 1451. F. Williams, Court House, engr.

Ill., Chicago — Nov. 29, by Dept. Pub. Wks., Room 406, City Hall, eight 3 in. and four 2 in. high pressure pop safety valves at Western Avenue Pumping Station, 49th St. and Western Ave. A. A. Sprague, comr.

Ill., Waukegan—Dec. 23, by City, J. H. Marseilles, city clk., waterworks; adv. E. N.-R. Nov. 25.

Neb., Lyman—Nov. 30, by B. Green, city clk., one steel tank and tower, pump and motor with pit and piping, well with 14 in. casing, 5,911 ft. 4- to 8-in. c.i. mains, 6,055 ft. specials and 19 gate valves. Seizer & Finley, Scottsbluff, engrs.

Neb., McCook—Dec. 6, by A. F. Moss, city clk., wells, tank, pumps and approximately ½ mi. pipe line in various streets. $45,000. Bruce & Grupe, 710 Bankers Reserve Bldg., Omaha, engrs. Noted Nov. 4.

Okla., Blackwell—Dec. 1, by City Clerk, waterworks, incl. low service pumping station, filtration plant extensions, new filter, chemical house, grit basin, coagulation basin, clear well, high service pumping station, c.i. pipe, valves, hydrants, distribution system extensions, 750 g.p.m. horizontal motor driven pump and motor, filter equipment and units, new equipment for rehabilitating 4 present ½ m.g. units, 30,000 gal. capacity steel tank on 35 ft. steel tower, etc. Former bids rejected. Black & Veatch, Mutual Bldg., Kansas City, Mo., engrs. Noted Nov. 4.

Calif., San Luis Obispo — Dec. 6, by Supervs. San Luis Obispo Co., water system for Water Works Dist. 2, at Morro, incl. 31,600 ft. 2- to 8-in. iron or steel pipe, 8,500 lbs. fittings, 1 well 100 ft. deep, 6,800 ft. iron, steel or wood stave supply line, one 100,000 gal. lower storage steel or wood tank, and one 50,000 gal. upper storage, steel or wood stave tank, type 1, 2 or 3, etc. C. C. Kennedy, Call Bldg., San Francisco, engr. Noted Mar. 25.

Sask., Moose Jaw—Nov. 26, by W. W. Davidson, mayor, 197 tons 12 in. and 2½ tons 6 in. Class "C" hub and spigot c.i. pipe, also 5½ ton special castings.

Contracts Awarded

N. Y., Long Island City — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in 56th Rd., 59th and 60th Aves., etc., here, to S. Gallucci & Sons, 33 Railroad Ave., Corona, $2,489. Noted Nov. 18.

Md., Baltimore—Bd. Awards, furnishing and erecting heating and vacuum cleaning systems for additions to Montebello Filters, to H. A. Kries, Inc., 6 East Lombard St., Baltimore, for Mayor and City. $36,500. Noted Nov. 4.

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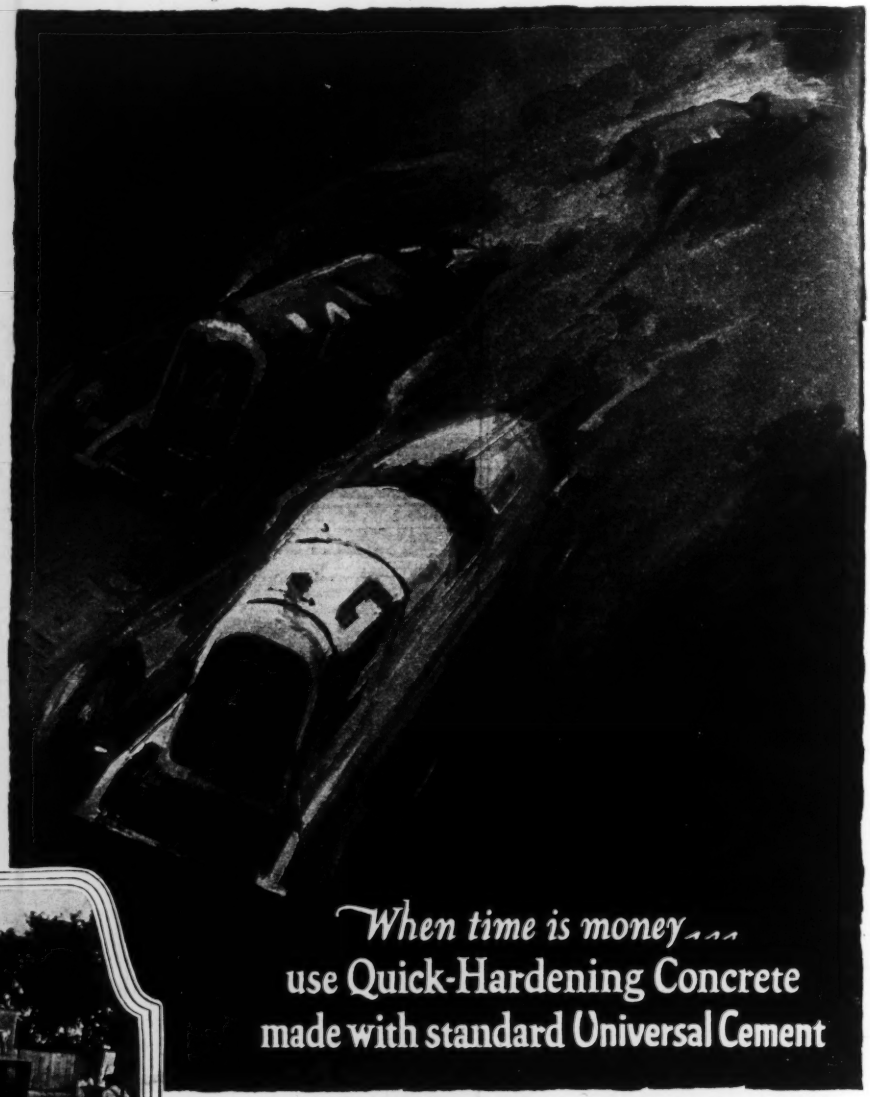

When time is money . . .
use Quick-Hardening Concrete
made with standard Universal Cement

Driveway, Blackhawk Oil Co. Filling Station, East Moline, Ill. Standard ***Universal*** (not special) cement used by Schadt Service Co., Silvis, Ill.

Business Suspended!

Contractor Saves Days for Owner in Re-Opening

A flooded creek fed by heavy rains washed out the old driveway of a filling station at East Moline, Ill. Business was suspended. An S. O. S. was broadcast to the contractor.

He responded by using High-Early-Strength concrete. In *3 days* the pavement was opened to traffic. The owner got not only speed but also permanently *better* and *stronger* concrete.

High-Early-Strength concrete made with standard *Universal* (not special) cement furnished at the usual price is solving rush problems on all types of jobs. For full details send the accompanying coupon.

UNIVERSAL PORTLAND CEMENT CO.
210 South La Salle Street, Chicago.

Without obligation, please send me detailed information on methods for securing strong Concrete in *3 days* with standard *Universal* [not special] cement, the same quality *Universal* regularly used.

Name .....

Address .....

Universal Portland Cement Co.

Chicago Pittsburgh Minneapolis Duluth Cleveland Columbus New York

Concrete for Permanence

Waterworks (Continued)

N. C., High Point—H. A. Moffit, mayor, and City Council, waterworks improvements, incl. concrete dam, spillway, etc., across Deep River, to Grier Lawrence Co., Statesville, $332,800; also 30 in. c.i. raw water line from Deep River connecting with present pumping station, to V. B. Higgins & Co., 112 Kingston Ave., Charlotte, $22,215. Noted Oct. 28.

Tex., Amarillo—City Comrs., one 4 m.g.d. and one 6 m.g.d. direct connecting synchronous motor driven centrifugal pumping engines for pumping water taken from storage reservoir and delivered into distributing system of city, to A. M. Lockett & Co., Magnolia Bldg., Dallas, $17,797. Noted Oct. 28.

Tex., Lorenzo — Complete waterworks, incl. c.i. pipe valves, fire hydrants, well, pump house, tank and tower, etc., to M. L. Friday, Arlington, $42,000. Engrs. est. $45,000. Noted Sept. 23.

Ont., Crystal Beach—Bertie Twp., 3 mi. 4 in. up c.i. mains in various streets, near here, to F. F. Fry Ltd., 43 Scott St., Toronto. Engrs. est. $25,000.

B. C., Vancouver—One hundred fifty 6- to 12-in. hub end and one hundred thirty-seven 4- to 12-in. flanged gate valves, to Jenkins Bros., 1084 Homer St., $7,423. Noted Oct. 21.

Sewers

Proposed Work

N. Y., Albany—Bd. Contr. & Supply, City Hall, rejected bids Nov. 1, sewers in Matilda St. and Fairview Ave. Noted Nov. 11.

La., Lake Charles—Making plans intercepting sewer and disposal plant. $300,000. Burns & McDonnell Eng. Co., 402 Interstate Bldg., Kansas City, Mo., engrs.

Ky., Georgetown—Voted $50,000 bonds, sanitary sewers in various streets.

O., Euclid—Making plans approximately 1 mi. 48 in. concrete, vitr. clay or segmental block sewer in Euclid Ave. F. A. Thomas, Town Hall, engr.

O., Garfield Heights (mail Cleveland) — Takes bids in spring, sewers in various streets. $500,000. R. Munz, Town Hall, engr.

Mich., Muskegon—City and Muskegon Co. making surveys several miles 8- to 30-in. rein.-con. and vitr. clay sewers in Henry, Dowd, Kinsay and Pinagree Sts. $150,000-$200,000. M. M. Buck, Union Bank, and H. J. Lewis, City Hall, engrs.

Ill., Chicago—Bd. Local Impvts., City Hall, takes bids about Nov. 29, 2 mi. 7½ x 9 to 2 ft. concrete sewers in Cicero Ave. $740,000. H. E. Hudson, Bd. Local Impvt., City Hall, engr. Noted Oct. 14.

Wis., Milwaukee — See "Streets and Roads."

Minn., Goodhue — O. E. Kylio, village clk., plans sewage disposal plant. $25,000.

Kan., Emporia — Voted $130,000 bonds, sewers in various streets. F. Hume, Emporia, engr. Noted Oct. 21.

Kan., Pittsburg — Election soon $25,000 bonds, sewers in various streets.

Tex., Cooledge—Election Dec. 14, $40,000 bonds, sewerage system and disposal plant. J. H. Gamel, mayor.

Okla., Braman — Voted $35,000 bonds, sewage disposal plant, and 29,200 ft. 6- to 10-in. vitr. clay sewers, etc., in all streets. Musson & Co., Grain Exch. Bldg., Oklahoma City, engrs.

Okla., Chelsea—See "Waterworks."

Okla., Eldorado — Making preliminary surveys 4 mi. sanitary sewerage system. $35,000. Benham Eng. Co., Gumbel Bldg., Kansas City, Mo., engrs.

Okla., Gage — Making surveys 3 mi. sewerage system. Musson & Co., Grain Exch. Bldg., Oklahoma City, engrs.

Okla., Paden—Election Dec. 2, $30,000 bonds, new sewerage system, incl. 27,200 ft. 6- to 12-in. vitr. clay pipe, Imhoff tank and filters, etc. Long & Co., Colcord Bldg., Oklahoma City, engrs. Noted Oct. 7.

Okla., Pauls Valley—Defeated $37,500 bonds, sewer extensions. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Nov. 4.

Okla., Sand Springs—Plans 3 mi. storm sewers in various streets. $187,000. W. E. Davis, Cole Bldg., Tulsa, consult. engr. Noted Aug. 19.

Okla., Soper—Plans new sewerage system, incl. 25,000 ft. 6- to 12-in. vitr. clay pipe, septic tank, etc. $25,000. Gantt-Baker Co., 1116 West Main St., Oklahoma City, engrs.

Okla., Sperry—Election soon bonds to exceed $25,000, sanitary sewers in various streets. Benham Eng. Co., 521 Gumbel Bldg., Kansas City, Mo., engrs.

Calif., Gilroy — Plans election $100,000 or more bonds, sewage disposal plant. H. B. Fisher, Growers Bank Bldg., San Jose, engr.

Calif., Los Angeles—Making plans 8- to 18-in. vitr. sewer in Venice Blvd. and Overland Ave., etc. To exceed $25,000. J. C. Shaw, City Hall, engr.

Calif., Los Angeles—Bd. Pub. Wks. takes bids about Dec. 9, 8- to 18-in. vitr. sewers in Venice Blvd., portions of Overland, Keystone and Mentone Aves., to exceed $25,000; also concrete, rein.-con., vitr. clay, or c.i. block outfall sewer in Wilshire Blvd., Amherst, Goshen, Mayfield, Dorothy and Montana Aves., to exceed $25,000. E. W. Tuttle, City Hall, engr. Noted Nov. 18.

Calif., Santa Monica—Made plans 4,844 ft. 30 in. D. S. vitr. sewer, etc., in Main St. H. B. Carter, city engr.

Ont., Toronto—Plans sewerage in Forest Hills, incl. sewage disposal site $14,368, sewage disposal plant, $115,180, and enlarging trunk sewer $11,000. R. C. Harris, City Hall, engr.

B. C., Vancouver—Election in December $350,000 bonds, new sewers in various streets. C. Brackenridge, City Hall, engr.

Bids Desired

N. Y., New York—Dec. 3, by H. Bruckner pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., sewers in Paulding, Randall and St. Paul Aves.

Neb., Grand Island—Dec. 15, by City Council, 1,700 ft. outfall sewer in various streets. K. Y. Craig, city engr.; adv. E. N.-R. Nov. 25.

Calif., Los Angeles—Dec. 6, by Supervs. Los Angeles Co., 9.14 mi. cement sewers in Belvedere Dist., Co. Impvt. 151. A. K. Warren, Los Angeles, engr.

Calif., Los Angeles—Bd. Pub. Wks. taking bids 42,474 ft. 8 in. and 5,809 ft. 10 in. D & W S vitr. sewer, also 28,065 ft. house sewers, etc., in 8th and Masselin Sewer Dist. J. C. Shaw, City Hall, engr.

Calif., Santa Cruz — S. A. Evans, city clk., taking bids outfall and sewerage system. To exceed $100,000. C. G. Hyde, 2599 Buena Vista St., Berkeley, consult. engr.

Bids Received

Mass., Roxbury (Boston P. O.)—Dept. Pub. Wks., Boston, sewerage works in Vermont St., etc., here, from V. Barletta, 10 Whipple Ave., Rosindale, $17,400. Engrs. est. $25,000. Noted Oct. 7.

Contracts Awarded

N. Y., Albany—Bd. Contr. & Supply, City Hall, to H. Dumary, Washington Ave., Patroon Creek Trunk Sewer, $52,273; to S. B. Easton, 47 Fairlawn Ave., Rose Court $6,930, Betwood St. $4,191, and Marwood St. $5,052; to E. B. Stevenson, 443 Bway., Etherbert St. $2,527, and Porter Court $1,745. Grand total $72,718. Noted Nov. 11.

N. Y., Brooklyn — J. J. Byrne, pres. Brooklyn Boro, Boro Hall, sewers in Quentin Rd. and East 45th St., to S. Guerriero, 1024 66th St., $26,032 and $3,770 respectviely; 11th Ave. and 55th St., to Picone Contg. Co., 606 Rugby Rd., $5,064 and $3,064 respectively; Albany Ave., to P. J. Donlon Contg. Co., 84 Bway., $17,284; and in 68th St., to Tomassetti & Co., Inc., 1074 60th St., $3,933. Grand total $59,147. Noted Nov. 4.

N. Y., New York — See "Streets and Roads."

N. J., Newark—Passaic Valley Sewerage Comrs., 24 Branford Pl., pile foundation for additional sedimentation basins, at New Bay Pumping Station, to Linde & Griffith, 4th Ave., $39,900. Noted Nov. 4.

Fla., St. Petersburg—S. S. Martin, dir. Finance, 53 x 87 ft. sewage disposal plant, 7th St. S., to J. B. McCrary Co., Bankhead Ave., Atlanta, Ga.; and influent sewer, to Gedney & Sons, Inc., St. Petersburg. Noted Aug. 26.

O., Cincinnati—Hamilton Co., 54,217 ft. 6- to 12-in. vitr. clay sewer in Sewer 4, Dist. 1, to Hannon-Hughes Constr. Co., 312 East 8th St., $96,871. Engrs. est. $122,084. Noted Nov. 18.

Ind., Hammond — Bd. Wks., sewer in Michigan Ave. and Carroll St., to Lavene Constr. Co., Hammond, $33,492.

Mich., Detroit—City, **(L. S. means Lateral Sewer)**, to C. Brakke, 516 Transportation Bldg., L. S. 4668 $2,400; to F. Di Cicco, 521 East State Fair Ave., L. S. 4693 $32,132, and L. S. 4729 $8,140; to Lincoln Constr. Co., 3614 Chene St., L. S. 4712 $6,995, L. S. 4716 $14,995, L. S. 4723 $29,495, and L. S. 4728 $6,998; to Detroit Drainage Constr. Co., Meyers Rd., L. S. 4722 $15,870, and L. S. 4727 $28,183; to J. Leo, 1762 Puritan Ave., L. S. 4725 $1,633; to Waterway Constr. Co., 516 Transportation Bldg., L. S. 4731 $9,953. Grand total $156,794.

Wis., Milwaukee—Dept. Pub. Wks., R. E. Stoelting, comr., 8- to 42-in. concrete sewers in Montana and Park Sts., to Lancaster & Friedericks, 784 34th St., $1,356 and $1,266 respectively; Olive St., to A. H. Koch, 2917 Grand Ave., $9,475; State and 38th Sts., to P. & L. Constr. Co., 038 Edgewater Ave., $1,669 and $8,975 respectively; 22nd St., to Milwaukee Sewer & Drainage Co., 928 Humboldt Ave., $28,951; 35th St., to G. Zimmermann, 3402 Grand Ave., $79,689; 36th and 37th Sts., to Clayton Constr. Co., 929 Hackett Ave., $21,064 and $17,122 respectively; and 32nd Ave., to Shabart-Rauch, Inc., 1003 41st St., $6,144. Grand total $175,741. Noted Nov. 18.

Mo., Eldon — E. H. Austin, city clk., Sewer Dist. 1, 33,981 ft. 6 and 8 in. vitr. clay pipe, nine hundred and forty-two 6 in. on 8 in. and fifty-six 6 on 6 in. wyes, 1,700 ft. ¾ in. galvanized wrought iron pipe, etc., to E. A. Becker, Eldon, $50,648. Engrs. est. $62,000.

Tex., San Benito—See "Unclassified."

Okla., Blackwell — Outfall sewers and disposal plant, to C. J. McCoy, Emporia, Kan., $93,721. Engrs. est. $100,000. Noted Nov. 4.

Que., Montreal—City Executive, sewer in St. Paul Ward, to Atlas Constr. Co., 37 Belmont St., $520,000. Noted Jan. 21.

Ont., Kincardine—For 2,300 ft. 15- to 24-in. concrete sewers, etc. in various streets, to V. T. Bartram, Bank of Toronto Bldg., Toronto; furnishing pipe, to J. E. Russell Co., Reford Bldg., Toronto. Engrs. est. $25,000.

Ont., Toronto—For 8- to 30-in. vitr. tile sewers in Fairlawn Ave. and lane near Danforth Ave., to Natl. Contg. Co., 9 Garnock Ave., $1,008; Edmund Ave., to Ronco Bros., 224 Rosemount Ave., $1,623; Cranbrook Ave. Sects. A-B and C-D, to W. E. Taylor, 22 Falcon St. $763; Edna and Cavell Aves. and Lawrence Ave. W., to city by day labor, $23,650; and Cranbrook Ave. Sect. B-C, to T. C. Berry, 468 Grace St., $1,690. Grand total $28,734.

Ont., Toronto—Circular trunk sewer in Beulah St. Broadway Ave., and Blythwood Rd., to Jerou & Mohan, 90 Curzon St., $426,327.

Waste Disposal

Proposed Work

O., Cleveland—City, W. R. Hopkins, mgr., making plans and takes bids after May 1, 1 story garbage and refuse disposal plant. $1,000,000. C. O. Bartlett & Snow Co., 6200 Harvard Ave., engrs. and archts.

Que., Quebec — Voted $500,000 funds, garbage incinerator and reduction plant. J. A. Tremblay, Quebec, engr.

Ont., Kingston — Plans concrete, brick and steel incinerator, incl. furnaces, chimney, etc. $25,000. H. S. Dick, City Hall, engr.

Bids Desired

Pa., Meadville—Nov. 30, at office S. Maxwell, city clk., collecting and disposing of garbage and rubbish for 5 year period commencing Jan. 1, 1927. R. L. Phillips, city engr.; adv. E. N.-R. Nov. 25.

Bridges

Proposed Work

Mass., Boston—City and Commonwealth of Massachusetts, Boston, plan viaduct from Governor Sq. over private property across Commonwealth Ave. along Blanford St. to Beacon St., carrying automobile and trolley traffic. $1,000,000. H. I. Harriman, chn. Metropolitan Planning Bd.

Pa., Phoenixville — Chester Co. (West Chester) and Montgomery Co. (Norristown), making plans rein.-con. bridge over Schuylkill River, near here. H. K. Ellis, Phoenixville, engr.

Pa., Pittsburgh — Comrs. Allegheny Co., Court House, making plans replacing 3 bridges over Allegheny River at Herrs Island. $2,100,000. Allegheny Co. appropriates $1,700,000, City $133,000, Baltimore & Ohio R.R. Co., H. A. Lane, ch. engr., Baltimore, Md., $134,000, and Pennsylvania R.R. Co., A. C. Shand, ch. engr., Broad St. Sta., Phila., $133,000 toward cost.

Michigan — Cities of Marinette and Menominee plan pony truss bridge from Sheridan Rd., Menominee, to Odgen St.,

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INDUSTRIAL

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HERE'S some big noise about the INDUSTRIAL all-purpose crawler machines. There is an INDUSTRIAL for every job. Built in capacities from five up to twenty-five tons, with buckets and dippers from one-half yard capacity up, the complete line of INDUSTRIAL crawlers is our answer to the great variety of uses to which crawler cranes, shovels and draglines are being put.

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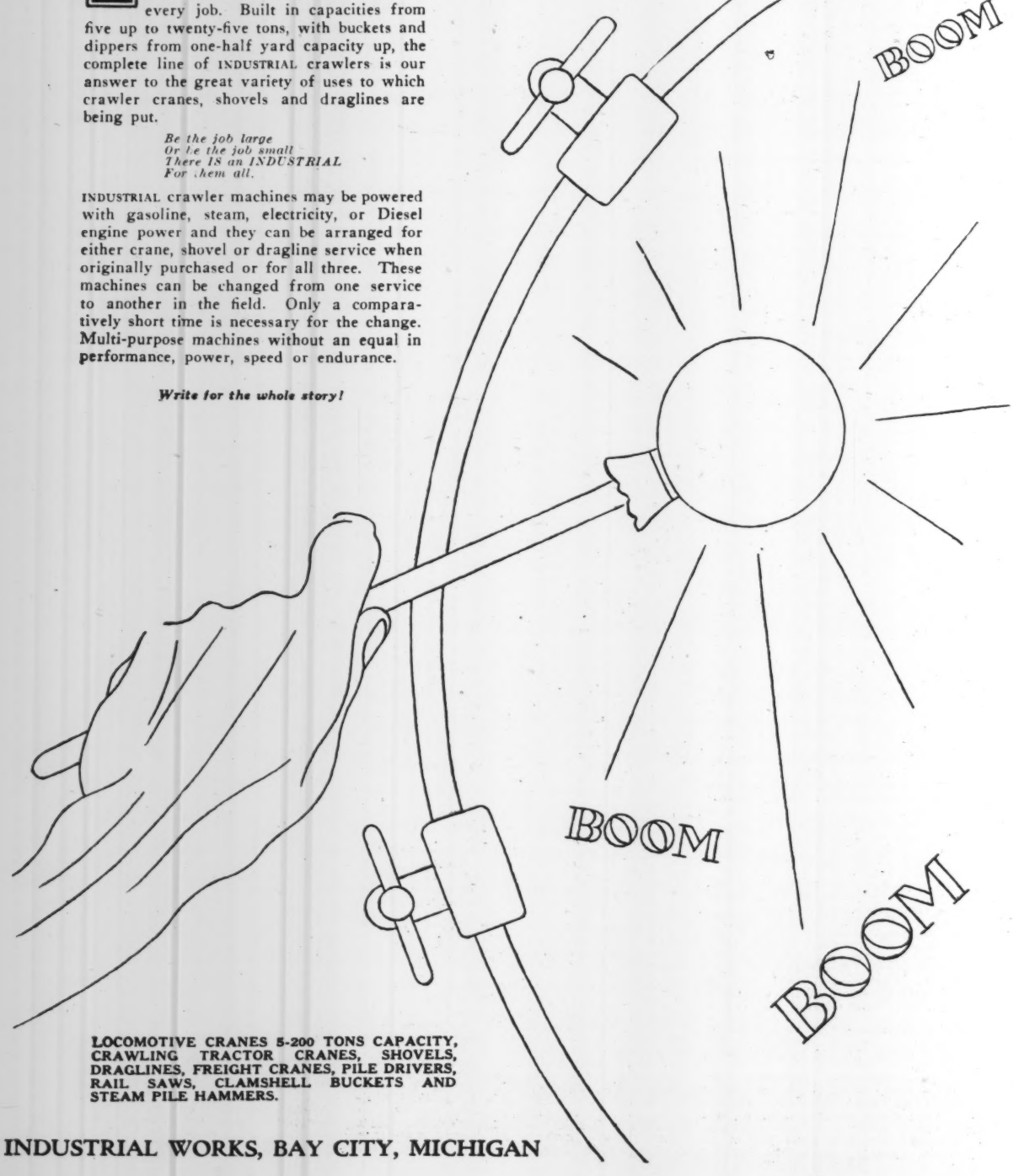

LOCOMOTIVE CRANES 5-200 TONS CAPACITY, CRAWLING TRACTOR CRANES, SHOVELS, DRAGLINES, FREIGHT CRANES, PILE DRIVERS, RAIL SAWS, CLAMSHELL BUCKETS AND STEAM PILE HAMMERS.

INDUSTRIAL WORKS, BAY CITY, MICHIGAN

Bridges (Continued)

Marinette. $100,000. A. L. Hills, Marinette, and T. Hasley, Menominee, engrs.

Missouri—State Hy. Dept., Jefferson City, making plans two 4 ft., two 6 ft., eight 10 ft., eight 12 ft., three 18 ft., eighteen 20 ft. and eight 24 ft. rein.-con. slab spans, etc., in Calloway, Dade, Gentry, Jasper, Livingston, St. Genevieve, and Vernon Counties; two 25 ft., twenty-six 30 ft., two 34 ft., four 35 ft., fourteen 40 ft., and four 50 ft. rein.-con. deck girder spans, etc., in Audrain, Cole, Calloway, Carter, Dade, Dent, Gentry, Jackson, Jasper, Platte, and Warren Counties; also 70 ft., 120 ft. and two 150 ft. steel truss spans, etc., in Cole and Gentry Counties. B. H. Piepmeier, ch. engr.

Mo., Kansas City—Pub. Serv. Co., 408 Bd. of Trade Bldg., making plans replacing wooden trestle, with rein.-con. and steel viaduct, at 43rd St. and Ward Parkway. $65,000. Private plans.

Tex., Center—See "Streets and Roads."

Tex., Denton — Voted $25,000 bonds concrete bridges. H. T. Brewster, city engr. Noted Oct. 21.

Okla., Pond Creek—State Hy. Dept., Oklahoma City, making preliminary plans 6 span 480 ft. steel girder bridge on concrete piers over Salt Fork of Arkansas River, here, Grant Co. $60,000. J. M. Page, highway engr.

Wash., Seattle—Kings Co. defeated $300,000 bonds, constructing bridge over Dwamish River, at 14th St. This corrects report in Nov. 18 issue.

Que., Chicoutimi—Provincial Government, Quebec, making plans concrete and steel bridge over Saguenay River, here. $1,000,000. I. E. Vallee, Quebec, engr.

Que., Quebec—Made plans 2 span 200 ft. concrete and steel bridge on Ave. Jacques Cartier. $25,000 . J. A. Tremblay, Quebec, engr.

Bids Desired

New Jersey—Dec. 6, by State Hy. Comn., Trenton, 3 span, half through plate girder bridge encased in concrete over Passaic River, 57,000 lb. reinforcing and 650,000 lb. structural steel, etc., at M. P. 13.5, on State Hy. Route 12, Essex and Passaic Counties. A. L. Grover, secy; adv. E. N.-R., Nov. 25.

N. J., Atlantic City — Dec. 15, by Bd. Freeholders Atlantic Co., Guarantee Trust Bldg., reconstructing Albany Ave. Bridge, spanning Inside Thorofare on Pleasantville Blvd., here. F. W. Willetts, clk.; adv. E. N.-R. Nov. 25.

Fla., Jacksonville—Dec. 1, by Comrs. Duval Co., Room 101 Court House, 160 fifteen ft. and one 40 ft. span creosoted timber pile bridge over Julington Creek, 16 ft. roadway, on boundary St. Johns and Duval Counties, on location connecting each end with State Rd. 47. T. B. Carrick, 305 Court House, co. bridge engr.

Wis., Two Rivers — Dec. 20, by City Clerk, City Hall, double leaf, underneath counterweight type Strauss trunion bascule bridge over West Twin River, at Washington St. Strauss Bascule Bridge Co., consult. engrs.; adv. E. N.-R. Nov. 25. Noted Sept. 30.

Ark., Malvern — Dec. 6, by Comrs. Quorum Court of Hot Springs Co., 3 span 360 ft. steel and concrete bridge over Ouachita River midway between Grigsby Ford and Green Ferry Bridges. C. O. Free, c/o Vincennes Bridge Co., Vincennes, Ind., engr.

Bids Received

Mass., Medford (br. Boston)—Dept. Pub. Wks., Boston, Nov. 16, 425 ft. rein.-con. bridge and approaches over Mystic River, for City and Commonwealth of Massachusetts, Boston, from Hill-Woodward Corp., 108 Massachusetts Ave., Boston, $32,478. Noted Nov. 11.

O., Hamilton—Comrs. Butler Co., Nov. 12, repairing 3 span steel bridge over Miami River, on Oxford-Stroll Rd., from Oregonian Bridge Co., Lebanon, $28,289.

Tex., Galveston — See "Streets and Roads."

Tex., San Antonio—See "Streets and Roads."

Contracts Awarded

Massachusetts—Metropolitan Dist. Comn., 1 Ashburton Pl., Boston, Cottage Farm Bridge, 170 ft. steel span, 3 concrete arches, 60 ft. wide over Charles River, at Essex and Brookline Sts., to T. Stuart & Sons Co., 222 Pearl St., Newton, $1,118,350. Noted Oct. 7.

N. J., Newark—State Hy. Dept., Trenton, 240 ft. steel bridge over Central R.R. of New Jersey tracks, at Briels Junction, and 2,100 ft. concrete and steel encased in concrete bridge, between point 220 ft. west of Wilson Ave. and point approximately 200 ft. west of Delaney St., both on Sects. 11 and 12, Route 1 extension, here, to A. O'Neil, 1524 Chestnut St., Phila., Pa., $957,860. Noted Nov. 11.

Miss., Meridian — See "Streets and Roads."

Ind., Michigan City—Bridge over Harbor, at 6th St., to Subway Eng. Co., 115 South Dearborn St., Chicago, Ill. $100,000.

Illinois—See "Streets and Roads."

Kan., Emporia — Lyon Co., 30 ft. arch span bridge on Federal Aid Project 260-C, to W. Grimmett & Son, Emporia, $4,384; 60 ft. steel span bridge on same project, Sect. D, to Leavenworth Bridge Co., Leavenworth, $7,556. Noted Oct. 21 under "Streets and Roads."

Kan., Jetmore—See "Streets and Roads."

Okla., Tonkawa—Chicago, Rock Island & Pacific R.R. Co., La Salle Street Sta., Chicago, Ill., C. A. Morse, ch. engr., pile bridges, here, to Bates & Rodgers Constr. Co., 37 West Van Buren St., Chicago, Ill., $25,000.

Dams

Proposed Work

North Carolina—See "Unclassified."

Railways

Proposed Work

North and South Carolina—Piedmont & Northern Ry., Charlotte, W. S. Lee, pres., plans extending 150 mi. lines from Charlotte to Durham, N. C., also 50 mi. lines from Gastonia, N. C., to Spartanburg, S. C. $15,000,000.

California—City of San Francisco and San Francisco Co. plan election $50,000 bonds, 0.6 mi. Taraval extension to municipal railways; $1,602,000 bonds, 4.74 mi. Sunset Line, $1,245,000 bonds, 2.82 mi. Excelsior Line, $540,000 bonds, 2.79 mi. Balboa Line, and $94,000 bonds, approximately 0.6 mi. Marina Tract Line of municipal railways, in San Francisco. M. M. O'Shaughnessy, San Francisco, city engr.

Quebec—La Compagnie du Chemin de Fer de Colonisation du Nord, Windsor Sta., Montreal, plans constructing 35 mi. railroad from Mont Laurier to Lake Temiscaming.

Saskatchewan — Manitoba & North Western Ry. Co., Windsor Sta., Montreal, Que., plans railway between Theodore and Duval, here.

Saskatchewan — Canadian Pacific Ry., Windsor Sta., Montreal, Que., J. M. R. Fairbairn, ch. engr., plans railroad from Lloydminster Easterly, here.

Alberta—Canadian Pacific Ry., Windsor Sta., Montreal, Que., J. M. R. Fairbairn, ch. engr., plans railroad from Rosemary North to point 10 mi. west, here.

Bids Desired

California—Supervs. Los Angeles Co., Flood Control Dist., Los Angeles, taking bids 1,850 tons standard gauge track rails not less than 70 lb. nor more than 80 lb. for 16.2 mi. railway in San Gabriel Canyon, also approximately forty-seven thousand 7 x 9 in. x 8 ft. standard cross ties, 13 sets switch ties for No. 8 turnout O. P. only, and 107,000 ft. tunnel timber, etc. for 200 lin.ft. tunnel. Noted Oct. 28.

Excavation, Drainage, Irrigation, Levees, River and Harbor

Proposed Work

Mich., Muskegon—R. Love Constr. Co., Union Bank Bldg., making plans dredging to depth 20 ft., also constructing 165 x 2,000 ft. dock with large warehouse. $100,000.

Ia., Hawarden—Plans 2.5 mi. open ditch 20 ft. wide at bottom. $30,000. K. C. Gaynor, 525 Trimble Bldg., Sioux City, consult. engrs.

Tex., Kaufman — Kaufman Co. Levee Impvt. Dist. 15, Kaufman & Dallas Counties, c/o Judge Kaufman Co., plans election soon $40,000 bonds reclaiming 2,698 acres land in river bottoms.

Wash., Olympia—Voted $250,000 bonds, improving channel, bulkhead, warehouse, cold storage building, water mains, freight handling equipment, etc., for Port of Olympia. E. L. Van Epps, Olympia, engr. Noted Sept. 16.

Ont., Toronto — Plans excavating and dredging channel 80 ft. wide from Turning Basin, Toronto Bay to Ashbridge Bay. $129,000 . R. C. Harris, City Hall, engr.

Bids Desired

Miss., Gulfport—See "Stretes and Roads."

La., Pineville—Dec. 7, by Bd. Aldermen, combination levee and riverside drive, diverting drainage, etc., at Pineville Front, Rapides Parish. Bd. State Engineers, 213 New Orleans Court Bldg., New Orleans, engrs.

Contracts Awarded

Mass., Quincy (Boston P. O.) — Dept. Pub. Wks., sea wall on south side of Houghs Neck, to Gilloyne Bros., Granite Ave. Engrs. est. $25,000. Noted Nov. 3.

Miss., Gulfport—Road Protection Comn. of Harrison Co., 10 mi. rein.-con. seawall, step type, 8 to 14 ft. high, to C. F. Lytle & Co., 504 Nebraska St., Sioux City, Ia., $1,314,761. Contractor probably will be in market for special equipment. Noted Nov. 18.

La., Opelousas—Bayou Boeuf & Waxie D. D., dredging 100,000 cu.yd. in lateral ditches, to J. P. Herbert, Breaux Bridge, $0.22 per cu.yd.

La., Port Allen — Choctaw Basin D.D., excavating approximately 40,000 cu.yd. in Laterals 1 and 2, to A. W. Wallace, Cinclare. Noted Oct. 14.

La., Port Allen — Comrs. Atchafalaya Basin Levee Dist., excavating approximately 200,000 cu.yd. between Latanache and Siphon Bayou, Point Coupee Parish, to Ogden & Lewis, Inc., Baton Rouge, at $0.1323 per cu.yd. Noted Oct. 21.

Streets and Roads

Proposed Work

Mass., Cambridge (Boston P. O.)—Plans widening Douglas St. $25,000. Private plans.

Mass., West Roxbury (sta. Boston) — Dept. Pub. Wks., J. H. Sullivan, comr., Boston, plans laying out and constructing Westover St. and Halford Rd. as highway, here. $25,000 or more.

N. Y., Brooklyn—J. J. Byrne, pres. Brooklyn Boro, Boro Hall, rejected bids Nov. 10, bituminous on stone block paving Flushing Ave., etc. Noted Nov. 18.

Ga., Athens—Clarke Co. plans asphalt and macadam paving 3.5 mi. roads. $100,000.

W. Va., New Martinsville—Grant Dist. voted $490,000 bonds, and Center Dist. voted $175,000 bonds, improving roads in Wetzel Co. W. H. Ramp, New Martinsville, engr.

Miss., Biloxi — Making plans curbing, guttering and paving various streets. W. S. Hawkins, Gulfport, consult. engr.

Miss., Jackson—Hinds Co. election Nov. 30, $600,000 bonds, improving various highways.

Miss., Pascagoula—Jackson Co., Supervisory Dist. 4, election Dec. 2, $65,000 bonds improving Old Spanish Trail from Ft. Bayou to Harrison Co. line.

Tenn., Cleveland — Making preliminary plans grading and concrete paving 10,300 sq.yd. Main St. $30,770. L. Graves, mayor. Engineer not selected.

Tenn., Greenfield—Plans paving various streets. To exceed $25,000. Engineer not selected.

Tenn., Nashville—Davidson Co. and State Dept. Highways & Pub. Wks., Nashville, making surveys improving 18 mi. Dixie Highway on Nashville-Springfield Rd. C. N. Bass, highway comr.

O., Akron—W. F. Peters, dir. Pub. Serv., takes bids probably in Januarv, grading, curbing, guttering and vitr. brick paving 3,880 sq.yd. Buckingham St. et al. $34,900. E. A. Kemmler, Municipal Bldg., engr.

O., Cincinnati—Hamilton Co. plans grading and tar bound macadam repaving 9,800 sq.yd. Graves Rd., $25,835; also 10,400 sq. yd. Brill Rd., $27,450. E. A. Gast, Court House, engr.

O., Cleveland—Bd. Comrs. Cuyahoga Co. rejected bids Oct. 23, resurfacing north side North Woodland Rd. To exceed $25,000. Noted Oct. 21.

Mich., Cassopolis—Bd. Supervs. Cass Co. plan graveling 15.68 mi. various roads, 16 ft. $82,256.

Mich., Flint—Genessee Co. plans concrete paving 13 mi. and graveling 11.25 mi. various roads. J. H. Dennis, Flint, engr.

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Streets and Roads (Continued)

Mich., Hastings—Supervs. Barr Co. plan graveling 5 mi. Lacey Covert Rd. $42,000, and 5 mi. road from Yonkers Springs to Middleville $40,500, both 16 ft.

Mich., Pontiac—Oakland Co. plans 20 ft. concrete paving 66.75 mi. and 18 ft. graveling 16 mi. various roads. L. V. Belknap, Pontiac, engr.

Mich., Sandusky — Bd. Supervs. Sanilac Co. plan graveling 12 mi. roads in Projects 1, 2, 3, 4 and 6, 9 ft.

Wis., Milwaukee—Dept. Pub. Wks., R. E. Stoelting, comr., making preliminary plans grading, sewers and watermains, and paving State, Cedar and Wells Sts. from 6th to 10th Sts. $500,000. J. Schwada, City Hall, engr.

Minn., Duluth—Comrs. St. Louis Co. take bids in January, concrete paving, etc., approximately 23 mi. Trinity Highway and Northline Rd., $270,000; and grading, etc., Fairbanks and Proctor Rds., $59,000. R. W. Acton, Duluth, co. engr.

Kan., Hutchinson—Voted $68,000 bonds, improving various streets. H. O. Bee, city clk.

Kan., Pittsburg — Election soon $25,000 bonds, paving various streets. L. D. Cornelius, Pittsburg, engr.

N. D., Jamestown—Stutsman Co. making preliminary plans constructing 21 mi. Jamestown-Kensal State Rd. connecting with State Roads 9 and 3. State Hy. Comn., Bismarck, engrs.

Missouri — State Hy. Dept., Jefferson City, making plans grading approximately 93.3 mi. various roads in 9 counties; 30 ft. grading 66.9 mi. in 8 counties; 18 ft. chats surfacing 13.3 mi. in Newton Co.; 9 ft. concrete paving, etc., 49 mi. in 5 counties; and 18 ft. graveling approximately 139.5 mi. in 11 counties. B. H. Piepmeier, ch. engr.

Mo., Huntsville — Randolph Co. plans election $75,000 bonds, grading, hardsurfacing, etc., various roads incl. Highways 10 and 20.

Mo., Joplin—Soon takes bids amiesite on concrete paving 8 blocks Connor Ave.; also asphaltic concrete paving 5 blocks Bird Ave. S. P. Ashcraft, Jr., City Hall, engr.

Tex., Center—Shelby Co. making plans grading, bridging, etc., 6.306 mi. Highway 26-A, $53,000. C. R. Newton, Center, engr.

Tex., Carthage—Panola Co. making plans grading, and rein.-con. paving, etc., 8.916 mi. Highway 64, 26 ft. $70,000. D. E. Martin, Carthage, co. engr.

Tex., Galveston — Galveston Co. making plans grading, and rein.-con. paving, etc., 4.96 mi. Highway 6, 20 ft. $200,000. C. C. Washington, Galveston, co. engr.

Tex., Liberty—Liberty Co. making plans grading, and shell surfacing, etc. 12 mi. Highway 60, 18 ft. $82,000. S. J. Treadway, Liberty, co. engr.

Okla., Enid — Plans grading, curbing, guttering and concrete paving 9,770 sq.yd. Paving Dist. 134. $32,770. F. C. Magruder, City Hall, engr.

Okla., Medford — Making preliminary plans grading, curbing, concrete paving, etc., 19,370 sq.yd. Main and Cherokee Sts. $60,000. E. E. Breeden, city atty. Engineer not announced.

Okla., Muskogee—Muskogee Co. made surveys concrete paving 84,770 sq.yd. County Road 9. $200,000. C. R. Morgan, Metropolitan Bldg., engr.

Okla., Oklahoma City—Plans grading, curbing, guttering and sheet asphalt paving 5,140 sq.yd. Indiana St. $26,117. B. M. Hart, City Hall, engr.

Okla., Shattuck—Making plans grading and concrete paving 11,000 sq.yd. Main St. $35,000. Musson & Co., Grain Exch. Bldg., Oklahoma City, engrs.

Calif., Los Angeles—Bd. Pub. Wks. soon takes bids widening Temple St. between North Bway. and Park View Sts. $1,100,000.

Calif., Los Angeles—Making plans widening and improving Santa Barbara Ave. between Alameda and Los Angeles Mesa Dr., $3,975,000; also Hoover St. between 3rd St. and Exposition Blvd., $3,450,000. J. C. Shaw, City Hall, engr.

Calif., Los Angeles—Bd. Pub. Wks. takes bids about Dec. 9, grading, curbing and concrete paving, etc., Chicago St., McDonald and Central Aves., to exceed $25,000; concrete and asphalt paving, etc., 5th and K Sts., LaMirada, Gulp and New Hampshire Aves., to exceed $25,000. J. C. Shaw, City Hall, engr. Noted Nov. 11.

Calif., Pasadena—Plans 8 in. concrete widening Lincoln Ave. from Fair Oaks to north city limits; also making surveys widening Lincoln Ave. from north Fair Oaks to Forest Ave., and Arroyo Dr. from Devils Gate Dam to Westminster Dr. W. C. Earle, city engr.

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Calif., San Rafael—Marin Co. made estimates constructing concrete roadway via Old Pipe Line Trail from Mill Valley to Stinson Beach. $72,500. J. C. Oglesby, San Rafael, co. surv.

Calif., Santa Cruz — Santa Cruz Co. making plans constructing 3½ mi. Highland Way road extension. $25,000 or more. L. Bowman, Santa Cruz, co. surv.

Calif., Santa Monica—Commissioner Pub Wks. rescinded contract widening and asphalt paving Main St. between Hollister Ave. and east city limits. Noted Nov. 4.

Quebec—Provincial Government, Quebec, making preliminary surveys grading, opening and graveling road from La Tuque to Roberval. $100,000. R. Levesque, Quebec, engr.

Que., Quebec—Made plans paving Cote Franklin on Battle Fields. $30,000. J. A. Tremblay, Quebec, engr.

Que., Shawinigan Falls—Plans 2,350 ft. concrete sidewalks on So. La Boie Shawinigan, 5 ft. $25,000. J. H. Valiquet, Shawinigan Falls, engr.

Ont., Ontario—Plans asphalt surfacing approximately 30,000 sq.yd. Howard and Willcocks Sts., Hosken, Jameson, Lakeview and Churchill Aves. $54,007. R. C. Harris, City Hall, engr.

Ont., Toronto—Soon takes bids grading Robbens Ave., $7,764; grading and paving lane west of Lansdown Ave., $17,250; and concrete paving lane 1st north of 1st Ave., lane 2nd north of Naeman Ave., lane 1st west of Lynd Ave., and Lascelles Blvd., $15,723. R. C. Harris, City Hall, engr. Noted Oct. 21.

B. C. Vancouver—Making plans and takes bids in February, concrete or Warrenite paving 10th Ave. from Stephen St. to Alma Rd., $112,934; also widening Howe St. from Smythe to Pacific Sts., $59,284. C. Brackenridge, City Hall, engr.

B. C., Vancouver—Plans election $450,000 bonds, sidewalks and concrete or asphaltic concrete surfacing various streets. C. Brackenridge, City Hall, engr.

Bids Desired

N. Y., Long Island City—Nov. 29, by M. E. Connolly, pres. Queens Boro, Boro Hall, grading, etc. 39th Ave. (Sackett St.) from Roosevelt Ave. to 103rd St. and 39th Ave. (Sackett St.) from 99th to 103rd Sts., Abingdon Rd., 85th, Willow, and 11th Aves., etc.; also grading, curbing and sheet asphalt on concrete paving 103rd St. (Kern Pl.), 11th, Clermont, and 3rd Aves. etc.

N. Y., New York—Dec. 3, by H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., grading, etc. Pelham Parkway, St. Quen St. (Ave.), Logan, Whitlock, Paulding, Fenton Aves. etc.

Md., Baltimore—Nov. 30, by State Rd. Comn., sheet asphalt paving 0.68 mi. highway along Fulton Ave. J. N. Mackall, Garrett Bldg., chn.

Md., Baltimore—Dec. 1, by Bd. Awards, sheet asphalt paving 7,000 sq.yd. streets listed in Contr. 380. S. Purcell, City Hall, highways engrs.

W. Va., Pineville—Dec. 6, at office Clerk Wyoming Co., grading, etc., 11.5 mi. Reedy-Logan Co. line Rd., Project 261. A. B. Shannon, co. road engr.

Fla., Orlando—Dec. 8, by City Comrs. at office J. A. Stinson, city clk., City Hall, surfacing Livingston Ave.; adv. E. N.-R. Nov. 25.

Miss., Gulfport—Dec. 7, by Harrison Co., 2 in. Warrenite-bitulithic, 3 in. sheet asphalt on 5 in. concrete or 6 in. concrete paving 7,400 ft. Biloxi-Ocean Springs Rd., 18 ft.; 2 in. Warrenite-bitulithic or 3 in. sheet asphalt on concrete paving 8,200 ft. East Howard Ave., 18 to 42 ft.; 2 in. Warrenite-bitulithic or 3 in. sheet asphalt on 5 in. concrete paving 14,683 ft. East Beach Blvd., 22 ft.; 2 in. Warrenite-bitulithic or 3 in. sheet asphalt on 4 in. concrete paving 6,300 ft. 28th St., 18 ft.; and 2 in. Warrenite-bitulithic on 5 in. concrete or Bates type concrete paving 2,300 ft. West Beach Blvd., 22 ft., in Pass Christian; also 526 ft. creosoted timber bridges, 500 ft. river bank protection, here. W. S. Hawkins, Gulfport, co. engr.

Miss., Jackson—Dec. 7, by Bd. Supervs. Hinds Co., asphalt, Willite sheet asphalt, Warrenite bitulithic, asphaltic concrete or Topeka type paving 219,330 sq.yd., or rein.-con., vibrolithic concrete or vibrolithic rein.-con. on concrete paving 232,232 sq.yd. Federal Aid Projects 79-A, 82-A and B. H. C. Dietzer, Jackson, engr.

La., Mandeville—Nov. 30, by St. Tammany Parish Police Jury, grading and graveling 2 mi. Abita Springs-Florenville Highway, Sub-Rd. Dist. 1, Sect. A; 1.47 mi. Abita-Mandeville Highway, Sect. A; 3.8 mi. Loew Davis Earth Rd.; 14 mi. Abita-Springs-Mandeville Highway; and 7.03 mi. Abita Springs-Mandeville Highway, Road Dist. 4, Sect. B.

Tenn., Maryville — See "Contracts Awarded."

O., Cincinnati—Dec. 3, by Comrs. Hamilton Co., grading and concrete repaving 47,100 sq.yd. North Bend Rd. $188,734. E. A. Gast, Court House, engr.

Ind., Crown Point — Dec. 7, by Comrs. Lake Co., grading and graveling William Raschka et al Rd., Calumet and Hobart Twps. W. E. Whitaker, Crown Point, aud.

Ind., Lebanon—Dec. 7, by Comrs. Boone Co., constructing Thompson, Richmond, Lambert, Butler, Rogers and Wooley, Bates and Atkins Rds., $96,858; and rock asphalt paving Lafayette Ave., $38,751. M. Harvey, Lebon, aud.

Mich., Mt. Pleasant—Dec. 1, by Supervs. Isabella Co., 16 ft. graveling 3 mi. County Rd. in Nottawa Twp.

Ill., Chicago—Nov. 30, at office Bd. Local Impvts., Room 207, City Hall, clearing, grading, curbing, guttering, and asphalt on present concrete paving portion North Ashland Ave.; grading, curbing, guttering and 8 in. concrete paving portions Poe St., North Avers and North Narrangansett Aves.; grading, curbing, guttering and asphalt on 6 in. concrete paving portions Herndon St., Farwell, North Kilbourn, North Natoma, Potomac and North Tilman Aves.; grading, curbing, guttering and 6 in. concrete paving portions Montvale Ave. and West 106th St.; grading, curbing, guttering and 2 in. asphalt on 6 in. concrete paving portion East 91st St.; grading, curbing, guttering and 6 in. concrete and 5 in. granite block on 10 in. sand and 6 in. concrete paving portion West 119th St.; grading, curbing, guttering and 5 in. granite block on 8 in. concrete paving portion North Peoria St.; grading, curbing, guttering and 1½ in. asphaltic concrete on 8 in. concrete, and 5 in. granite block on 1½ in. sand or limestone paving portion South State St. J. J. Sloan, pres.

Ia., Anamosa—Dec. 8, at office Auditor Jones Co., grading, etc., 32,000 cu.yd. Onslow-Wyoming Rd. F. S. Yetter, Anamosa, co. engr.

Arkansas—Nov. 29, by State Hy. Dept., Little Rock, grading, curbing, and concrete, bituminous concrete, modified Topeka, Warrenite bitulithic, Finley method or sheet asphalt surfacing, etc. 20,499 sq.yd. Ft. Smith-Van Buren Rd., Federal Aid Project 243-A. R. C. Limerick, highway engr.

Okla., Crescent—Dec. 1, by A. B. Powell, city clk., grading, curbing and concrete paving 19,000 sq.yd. Main St. $65,000. Musson & Co., Grain Exch. Bldg., Oklahoma City, engrs.

Okla., Muskogee — Dec. 1, by W. H. Cavanaugh, city clk., grading, curbing and concrete paving 24,330 sq.yd. Okmulgee St. $77,225. J. R. March, City Hall, engr. Noted Oct. 28.

Okla., Okemah—Dec. 6, by J. S. Price, city clk., grading and concrete paving 4,500 sq.yd. South 10th St. $25,411. Long & Co., Colcord Bldg., Oklahoma City, Engrs.

California—Dec. 13, by State Hy. Dept., Sacramento, grading, crushed gravel or stone surfacing 2.1 mi. road between Ferndale and Loleta, Humboldt Co. R. M. Morton, Forum Bldg., Sacramento, engr.

Calif., Berkeley—E. M. Hann, city clk., taking bids, grading, curbing, guttering and paving Solano Ave. A. J. Eddy, city engr. Noted Nov. 4.

Calif., Los Angeles—Bd. Pub. Wks. taking bids grading and 6 in. concrete paving, etc., 524,873 sq.ft. Cimarron St. and Hyde Park Impvt. Dist. J. C. Shaw, city engr. Noted Nov. 4.

Calif., Los Angeles—Dec. 6, by Supervs. Los Angeles Co., curbing, guttering, 6 in. concrete paving 59, 692 sq.ft., and 8 in. concrete paving 4,755 sq.ft. etc., Palmdale-Valyermo Rd. G. Jones, Hall of Records, engr.

Calif., Vallejo—M. Hein, secy. Joint Hy. Dist. 5, 505 Marin St., taking bids and opens same about Nov. 29, grading, etc., 60,000 cu.yd. Carquinez Straits Rd. connection. J. D. Kilkenny, city engr. Noted Nov. 18.

Bids Received

Massachusetts—Dept. Pub. Wks., Boston, Nov. 16, gravel with bituminous macadam treatment paving 10,604 ft. highway in Peru and Worthington, from B. Perini & Son, Ashland, $79,392; bituminous macadam paving 3,372 ft. in Quincy, from E. G. Sargent, Quincy, $54,413, and 4,567 ft. in Agawam, from Daniel O'Connell Sons, Holyoke, $39,249. Noted Nov. 11.

Mass., Boston — Dept. Pub. Wks., Nov. 19, sheet asphalt or bitulithic paving Park Sq., etc., from Coleman Bros., Inc., 49 Medford St., Charlestown, $51,094. Noted Nov. 18.

N. Y., New York—Park Bd., F. D. Gallatin, pres., at office Dept. Parks, Arsenal Bldg., Central Park, Nov. 16, grading and asphalt repaving Harlem River Driveway,

Streets and Roads (Continued)

and High Bridge Park, from Asphalt Constr. Co., 208 Bway., $45,090. Noted Nov. 11.

Md., Baltimore — Bd. Awards, Nov. 17, grading, curbing, and sheet asphalt paving 10,750 sq.yd. streets listed in Contr. 378, from Amer. Paving Co., Montebello Ave., $48,513. Noted Nov. 11.

Kentucky — State Hy. Dept., Frankfort, Nov. 19, **(F. A. P. means Federal Aid Project and S. P. State Project)**, grading, etc., 64,651 cu.yd. Wickliffe-Bardwell Rd., F. A. P. 131-G, Ballard Co., from G. E. Stoner, Charleston, Mo., $37,020; original line 147,994 cu.yd. Wickliffe-Paducah, S. P. 8-A, Ballard Co., or same road using Barlow revision from Carter, Carter & Braden, Caly, $118,205 or $109,488; 97,933 cu.yd. Leitchfield-Caneyville Rd., S. P. 66-A, Grayson Co., from Johnson & Pate, Lewisport, $100,001; 42,355 cu.yd. Greensburg-Columbia Rd., F. A. P. 143-B, Green Co., from Mason Constr. Co., West Point, $54,-104; 51,681 cu.yd. Hazard-Whitesburg Rd., F. A. P. 128-F, Knott Co., from Hart & Cooper, Whitesburg, $127,502; 163,429 cu. yd. Louisa-Sandy Hook Rd., S. P. 49-B, Lawrence Co., from Albert Bros., Marion, N. C., $194,808; 35,376 cu.yd. Calhoun-Beech Grove Rd., S. P. 2½-A, McLean Co., from Ellis & Kelly, Owensboro, $37,583; 75,894 cu.yd. Campton-West Liberty Rd., S. P. 29-A, Morgan Co., from G. Ellington & Co., West Liberty, $100,821; 116,436 cu. yd. McKee-Manchester Rd., S. P. 30-B, Jackson and Clay Counties, from Garrard & Walker, Manchester, $111,796; 53,934 cu. yd. Russell Springs-Liberty Rd., F. A. 142-B-C, Russell and Casey Counties, from Ping Bros., Somerset, $77,366. Noted Oct. 21.

Ohio—G. F. Schlesinger, dir. Highways & Pub. Wks., Columbus, Nov. 12, grading 0.259 mi. Sect. "A" Cambridge-Caldwell Rd., Noble Co., from L. S. Gaty, 387 Linwood Ave., Columbus, $10,337 guard rail on Sects. "T" and "U," Ohio River Rd., Brown Co., from E. E. Watters, Portsmouth $5,085, and Sect. "H" Millford-Hillsboro Rd., Clermont Co., from L. D. Kear, Wharton, $3,790; also 40 ft. span rein.-con. bridge on Sect. "C" Nelsonville-New Straitsville Rd., Hocking Co., from G. Loomis, Logan $7,137, and concrete bridge on Sect. "A" Cambridge-Caldwell Rd., Noble Co., from Elsass-Meyer Constr. Co., Anna, $24,750. Noted Nov. 4.

O., Cincinnati — Grading, curbing, sidewalks and concrete repaving 19,000 sq.yd. Fairbanks Ave., from O'Connel & Sweeney, Florence and Concord Sts., $179,626. Engrs. est. $189,255.

Tex., Galveston—Galveston Co., grading, bridging and rein.-con. paving, etc. 3.111 mi. Highway 6, Federal Aid Project 466-J, from J. W. Zempter & Co., 2321 F St. Galveston, $133,975. Engrs. est. $175,600. Noted Sept. 23.

Tex., San Antonio—E. T. Smith, chn. State Hy. Comn., Nov. 16, clearing, grubbing, grading, bridging, and gravel surfacing, etc. 9.152 mi. Highway 3, Federal Aid Project 459, from Cook & Arrington, Crockett, $110203. Engrs. est. $114,700. Noted Nov. 11.

Contracts Awarded

Mass., Boston—Park Dept., 33 Beacon St., sheet asphalt reconstructing Sect. 2 Fens Rd., to J. McCourt Co., 910 Huntington Ave., Brookline, $47,715. Noted Nov. 18.

N. Y., Brooklyn—J. J. Byrne, pres. Brooklyn Boro, Boro Hall, recurbing and concrete paving Gardner Ave., Grand Sts., etc. to Connor Bros., 629 Albany Ave., $6,991; also grading, curbing and flagging 50th St., etc., to Grimm Contg. Co., 170 McKinley Ave., $2,573. Noted Nov. 8.

N. Y., New York—J. Miller, pres. Manhattan Boro, Municipal Bldg., grading, curbing and flagging Laurel Hill Terrace, to Remo Realty Co., 645 East Tremont Ave., $114,551; granite block paving Plaza exit to Holland Tunnel, Canal and Laight Sts., to W. J. Fitzgerald, Grand Central Terminal, $102,253; and sewer in Riverside Dr., to Knight & DeMicco, Inc., 448 East Tremont Ave., $11,104. Grand total $227,908. Noted Nov. 18.

N. Y., White Plains—Bd. Supervs. Westchester Co., Court House, grading and paving Saw Mill River Rd., to J. Ciro, Mt. Vernon, $138,728; and New York Post Rd., etc., to C. D. Beckwith, New Rochelle, $97,269. Noted Aug. 26 and Oct. 14.

New Jersey—State Hy. Comn., Trenton, grading and rein.-con. paving 3 mi. Route 12, Fairfield to Little Falls, Essex and Passaic Counties, to P. Camillo, 336 Spring St., Westfield, $207,249. Noted Nov. 18.

Pennsylvania—State Hy. Dept., Harrisburg, one course rein.-con. paving 15,757 ft. Route 441, York Co., to P. R. Hostetter Co., Inc., Summer St., York, $128,537; 33,657 ft. Route 153, Bucks and Lehigh Counties, to Cox & John, Malvern, $268,-261; 13,716 ft. Route 70, Allegheny Co., to McCrady Bros. Co., Braddock, $222,553; 13,174 ft. Route 246, Butler Co., to O. B. Bracht, Titusville, $99,985; 7,932 ft. Huntingdon-Carbon Twp. Rd., to L. Swartz, Spangler, $61,981; and 10,159 ft. Route 487, Lehigh Co., to Sherman & Rhodes, Weissport, $77,284. Grand total $858,601. Noted Nov. 11.

Md., Baltimore — Bd. Awards, grading, curbing and sheet asphalt paving 11,650 sq. yd. streets listed in Contr. 376, to P. Flanigan & Son, Harford Rd. and Baltimore & Ohio R.R. tracks, $62,123. Noted Nov. 18.

W. Va., Summersville — Nicholas Co., grading, etc. 4.8 mi. State Route 4, to Keeley Constr. Co., Clarksburg, $52,000; and 4.7 mi. same road, to Kavin & Co., Richwood, $65,000.

W. Va., Sutton—Braxton Co., grading, etc. 3.6 mi. Sutton-Nicholas Co. line Highway, to McComas Contg. Co., Huntington, $68,000.

Miss., Magnolia—Pike Co., improving Federal Aid Project 95, 2,111 cu.yd. excav., 1,667 cu.yd. borrow, 5,358 sq.yd. brick or concrete paving, 3,210 cu.yd. gravel ½ mi. haul, etc., to Merrill Eng. Co., Jackson, $24,935. Noted Oct. 28.

Miss., Meridian—Lauderdale Co., improving Federal Aid Project 185-A, 290,441 cu. yd. excav., 930 ft. 8 in. culvert pipe, 8,508 ft. guard rail, 6.2 mi. Bermuda sod, 467,304 lb. reinforcing, and 80,960 lb. structural steel, also one 80 ft. and two 120 ft. span steel bridges, 2,175 ft. concrete railing, 9,706 ft. foundation and creosoted piling, 77,674 ft. creosoted and 2,898 ft. untreated timber, etc., to J. A. Pigford, Champenois & Blanks, Meridian, $139,815. Noted Oct. 28.

Tennessee—State Dept. Highways & Pub. Wks., Nashville, grading, etc. 3.01 mi. Eatons Cross Roads to Roan Co. line, Loudon Co., to Callaway & Fisher, Lenoir City, using concrete pipe. $33,879. Noted Oct. 28.

Tenn., Maryville—Blount Co. and State Dept. Highways & Pub. Wks., Nashville, will construct 10 mi. road from Mill Creek to State Rd. 64, by day labor under supervision Division Engineers State Dept. Highways. C. N. Bass, highway engr.

O., Cincinnati — Comrs. Hamilton Co., grading and concrete repaving 51,000 sq.yd. Cornell Rd., to McHugh Bros., Springfield, $174,786. Engrs. est. $187,044. Noted Nov. 4.

O., Cincinnati — Hamilton Co., grading and tar bound macadam repaving, etc., 37,-500 sq.yd. Mill Rd., to O. E. Radabaugh, Hazelwood, $74,293. Engrs. est. $90,105. Noted Nov. 4.

Ind., Bloomington—Paving 15th St., and East 15th St. from Walnut to Dunn Sts., to W. R. Price Constr. Co., Bloomington, $23,250 and $24,175 respectively.

Mich., Detroit—To Detroit Asphalt Paving Co., 909 Transportation Bldg., 3½ in. sheet asphalt on 8 in. concrete paving Glenwood Ave. $29,931, Prescott Ave. $24,-554, Rifle Ave. $5,107, Merkel Ave. $10,-243, Caldwell Ave. $17,246, Six Mile Rd. $129,614, Iroquois Ave. $7,502, Freeland Ave. $16,569, Stockton Ave. $16,370, Six Mile Rd. $53,830, Mark Twain Ave. $17,-470, Grant Ave. $5,184, Traverse Ave. $16,-819, Reid Ave. $10,602, Clarion Ave. $5,835, Lauder Ave. $30,614, Liddlesdale Ave. $17,-212, Terry Ave. $12,558. and Corma Ave. $33,751; to Cooke Asphalt Paving Co., 1260 Penobscot Bldg., Cameron Ave. $35,126; to Cleveland Trinidad Paving Co., 402 Hammond Bldg., Monica Ave. $12,739, Welland Ave. $21,936, and Indiana Ave. $32,214; to M. R. Hanna Co., 2700 Six Mile Rd., Kilbourne Ave. $23,253, Meade Ave. $20,-969, and Spencer Ave. $32,168. Grand total $639,416.

Illinois—State Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, paving Route 20, Sect. 14-W-2, McHenry Co., to E. H. Merrick, McHenry $2,707, Route 24, Sect. 2-W, Christian Co., to W. F. Sell, Pana $10,886; Route 12, Sect. 33, St. Clair Co., to Louis Rick Constr. Co., East St. Louis $78,621; also bridges on Route 12, Sects. 33-B and C, St. Clair Co., to Vincennes Bridge Co., Vincennes, Ind., $6,980. Grand total $99,194.

Ia., Decorah—Winneshiek Co., to M. O. Weaver, Iowa Falls, improving Federal Aid Projects 98, 177 and 284, 29,589 cu.yd. gravel 1 mi. haul at $0.45 per cu.yd., 293,-500 cu.yd. ½ mi. haul $0.085, 9,800 cu.yd. stripping $0.25; and to H. Pickus Constr. Co., Sioux City, 17,983 cu.yd. gravel 1 mi. haul $1.95, $2.02 and $2.34, also 42,000 units ½ mi. haul $0.08. Noted Oct. 21.

Kan., Jetmore—Hodgeman Co., grading, bridges, etc., 5.816 mi. Federal Aid Project 359-A, to H. L. Felton, Hays, $32,841. Noted Oct. 21.

Mo., Joplin—For 6 in. concrete paving, etc., 11,300 sq.yd. Jackson Ave. and 2,750 sq.yd. Pyers Ave., to V. E. Koch, 417 Joplin St. at $1.74 and $1.73 per sq.yd. respectively. Former contract rescinded. Noted Nov. 11.

Arkansas—State Hy. Dept., Little Rock, 8,000 ft. earth embankment of Arkansas approach to Harahan Viaduct, Arkansas-Tennessee Federal Aid Project 300-A, Unit 1, Crittenden Co., to T. G. Galley & Co., Knoxville, Tenn., $216,299. Noted Oct. 21.

Tex., Houston—Harris Co., bituminous concrete paving Milby St. from Polk Ave. to Engelke St., to Willite Rd. Constr. Co., Standard Bldg., $73,210. Engrs. est. $76,-000.

Tex., San Benito—See "Unclassified."

Nevada—State Hy. Comn., Carson, grading, graveling, etc. 15.76 mi. Goldfield-Miller Cutoff Rd., Esmeralda Co., to Dodge Bros., Fallon, $70,750. Noted Oct. 28.

Calif., Los Angeles—Curbing, sidewalks and paving, etc., 318,298 sq.ft. 76th St., to W. Liddington, 420 East 60th St., $59,808. Engrs. est. $67,805. Noted Oct. 28.

Calif., Ontario—D. B. Wynne, city clk., grading and asphaltic concrete paving 233,-100 sq.ft. California St., to Griffith Co., Railway Bldg., Los Angeles, approximately $40,065. Noted Feb. 4.

Que., Montreal—City Executive, paving Bikerdyhe St., to St. George & Gauvreau, 1215 Green St., $86,880.

Ont., Toronto — Concrete paving street around Municipal Abattoir, and 2 lanes, to Grant Constr. Co., 47 Wellington St. E. $12,357, 4 lanes, to A. Cavotti, 257 Euclid Ave. $14,739, 2 lanes and bitulithic on concrete paving Scarboro Beach Blvd., to Asphaltic Concrete Co., Excelsior Life Bldg., $20,295; asphalt paving 3 avenues, to Duffern Constr. Co., ft. of Bathurst St. $34,231, and Hubbard Blvd., to city by day labor, $12,582. Grand total $94,204.

Ont., Toronto—York Twp., bitulithic on concrete paving Hanson, Humbertrail, Weatherall, York and Ralph Aves., to Warren Bituminous Paving Co., 54 University Ave., $61,258, asphalt paving Caledonia

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SEWAGE DISPOSAL PLANT—HOLDREGE, NEB.

Bids were opened by city, Aug. 17, for constructing sewage disposal plant, from (A) Midstate Construction Co., Hastings, (awarded contract); (B) Western Bridge & Construction Co., Omaha; (C) Weighton Construction Co., Sioux City, Ia.; (D) Asplund Construction Co., Tecumseh; (E) Spotts & Malcolm, Denver, Colo.; Martin Day & Co., Lincoln, $26,921; Hastie & Sheeley, Seward, $28,417. The unit bids of the lowest four and highest bidders are as follows:

	A	B	C	D	E
150 cu.yd. pump house excavation	$0.80	$0.75	$1.00	$0.60	$1.00
450 cu.yd. sprinkling filter excavation	.50	.55	1.00	.60	1.00
000 cu.yd. rock excavation	10.00	10.00	6.00	5.00	5.00
Pumping station (lump sum)	6,480.00	6,211.70	5,500.00	6,600.00	9,268.00
Sprinkling filter (lump sum)	14,500.00	14,150.00	17,500.00	18,300.00	22,239.00
By pass manhole (lump sum)	135.00	145.00	200.00	200.00	306.00
4 concrete manholes	50.00	60.00	70.00	70.00	75.00
4 brick manholes	50.00	60.00	70.00	70.00	65.00
100 ft. relay 8-in. drain	.28	.30	1.00	.60	.40
10 ft. relay 18-in. sewer	.55	.60	2.00	2.00	.70
60 ft. laying 8-in. sewer	.45	.40	1.00	.60	.55
180 ft. laying 18-in. sewer	1.39	1.50	2.50	2.00	2.00
350 ft. trench 0-6 ft.	.55	.50	.70	.30	.40
000 ft. trench 6-8 ft.	.34	.30	.50	.50	.50
6 yd. concrete in bulkhead	20.50	21.00	25.00	30.00	.40
15 yd. concrete in pipe encasing	20.50	15.00	18.00	20.00	30.00
Par screen (lump sum)	10.00	7.50	150.00	25.00	35.00
Extended totals	$22,530	$21,900	$26,255	$26,826	$33,654

Streets and Roads (Continued)

Ave., to Kilmer & Barber, 10 Adelaide St. E. $23,718, Boon Ave., to Constr. & Paving Co., Confederation Life Bldg. $10,822, and Brookside Ave., to Godson Contg. Co., 203 Richmond St. E. $1,762. Grand total $97,560.

B. C., Point Gray—Paving 16th and 33rd Aves., to Cotton Co. Ltd., False Creek Yards, Vancouver, 1½ in. Warrenite on 5 in. concrete $7,983, to Armstrong & Morrison Paving Co. Ltd., 543 Granville St., Vancouver, and 7 in. concrete $17,263.

Buildings—Commercial,

Proposed Work

Mass., Boston—GARAGE, SALES and SERVICE STATION—Pierce Arrow Co., 896 Commonwealth Ave., having revised plans prepared by H. C. Cook, 408 Pearl St., Buffalo, N. Y., and soon takes bids 3 story, 100 x 300 ft., rein.-con. and steel, Commonwealth Ave. and Alcorn St. $400,000. Former bids rejected. Noted Nov. 18.

Mass., Boston—STORE and OFFICE—City Central Corp., 30 Federal St., having revised plans prepared by J. A. Spiers, c/o Central Corp., 30 Federal St., 4 story and basement, brick and stone, plain foundation, Dock Sq. $150,000. Noted Nov. 11.

Mass., Cambridge (Boston P. O.)—HOSPITAL—City, c/o E. T. P. Graham, archt., 171 Newbury St., Boston, having sketches made 3 story and basement, brick addition, plain foundation, 1493 Cambridge St. $300,000.

Mass., Lowell—STORE and MASONIC TEMPLE—A. G. Pollard Co., 144 Merrimack St., having revised plans prepared by H. L. Rouke, Hildreth Bldg., 3 story and basement, 70 x 150 ft., and 50 x 70 ft., brick and stone, plain foundation. $150,000. Former bids rejected. Noted Nov. 4.

Mass., Roxbury (Boston P. O.)—APARTMENT — Castlegate Realty Corp., 108 Pemberton Sq., Boston, having plans prepared by S. E. Moffie, 51 Cornhill, Boston, 5 story and basement, brick and stone, plain foundation, Seaver St., here. $200,000.

Mass., Somerville (Boston P. O.)—HOME—Somerville Home for Aged, 76 Boston St., having revised plans prepared by C. M. Baker, 25 Arch St., Boston, and soon takes new bids 3 story and basement, brick, plain foundation, 117 Summer St. $150,000. Former bids rejected. Noted Sept. 2.

Mass., South Boston (sta. Boston) — GARAGE—Andrew Sq. Terminal Co. Inc., F. A. Kamp, 53 State St., having plans prepared by R. M. Stowell, 184 Boylston St., Boston, 3 story, 200 x 300 ft., rein.-con. and steel, caisson foundation, Dorchester Ave. between Alger and Dexter Sts., here. $1,000,000. H. S. Cleverdon, 184 Boylston St., Boston, engr.

Mass., Waverly—STORE and OFFICE—Owner, c/o H. Chisholm, archt., 46 Cornhill, Boston, having plans prepared 3 story and basement, 60 x 120 ft., brick and stone, plain foundation, Trapello Rd. $150,000.

Mass., Winthrop — HALL — Town, J. Remby, chn. com. plans 2 story and basement, brick, Herman and Winthrop Sts. $150,000. Engineer and architect not selected.

Mass., Worcester—HOTEL—New Park Hotel, 74 Franklin St., plans hotel, Franklin St. To exceed $150,000.

R. I., Providence—COURT HOUSE—Providence Co. Com. having plans prepared by Jackson, Robertson & Adams, Turks Head Bldg., court house, College, Benefit, Hopkins and South Main Sts. To exceed $150,000.

Conn., Hartford — OFFICE — Aetna Life Insurance Co., 650 Main St., having plans prepared by James Gamble Rogers, engrs. and archts., 367 Lexington Ave., New York City, rein.-con., Farmington Ave. To exceed $150,000.

Conn., Waterbury—HOSPITAL—Waterbury Hospital, Robbins St., having plans prepared by F. A. Webster, 51 West Main St., 4 story and basement, brick and steel addition. To exceed $150,000.

N. Y., New York — APARTMENT — Kirschner & Pritch, c/o G. G. Miller, archt., 1482 Bway., having plans prepared 6 story, brick, steel and stone, plain foundation, Sheridan Ave. $200,000.

N. Y., New York—APARTMENT—Cooperative Constr. Co., c/o Turner & Bowden, archts., 15 East 40th St., having plans prepared 15 story, brick, steel and stone, plain foundation, 49th St. and Mitchell Pl. $500,000.

N. Y., New York — APARTMENT — Owner, c/o J. M. Felson, archt., 250 West

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57th St., having plans prepared 6 story, brick, steel and stone, plain foundation, Sherman Ave. $350,000.

N. Y., New York—OFFICE—A. Wilson, c/o Sloane & Robertson, archts. and engrs., 441 Lexington Ave., soon takes bids 18 story, brick, steel and stone, plain foundation, Madison Ave. $650,000. Noted Mar. 25.

N. Y., Syracuse—HOSPITAL—City having plans prepared by M. E. Granger, City Hall, 3 story and basement, 78 x 168 ft. hospital, 351 Renwick Ave. $200,000. N. F. Pitts, Jr., City Hall, engr. Noted Jan. 7.

N. Y., Yonkers — HOSPITAL — Homeo Hospital & Maternity 127 Ashburton Ave., W. C. Neer, pres. having plans prepared by Crow, Lewis & Wick, 200 5th Ave., New York City, brick, steel and stone addition, plain foundation. $700,000.

N. J., Asbury Park — CONVENTION HALL — City, E. F. Hetrick, mayor, Seacoast Bldg., soon takes bids brick and steel convention hall, theatre and amusement pier, etc., plain foundation. $1,500,000. Warren & Wetmore, 16 East 47th St., New York City, archts. Noted Feb. 4.

N. J., Atlantic City—APARTMENT HOTEL—Morris Ellis, 419 Arch St., Phila., Pa., having plans prepared by L. J. Brook, 65 Madison Ave., New York City, 19 story, 177 x 230 ft., rein.-con., brick and steel, wood pile foundation, Boston Ave. and Boardwalk, here.

N. J., New Brunswick — HOTEL — Syndicate, c/o J. F. Mitchell, pres. Citizens Natl. Bank, 362 George St., plans hotel. $600,000. Engineer and architect not selected.

N. J., Paterson — SANITORIUM — Rest Haven, Inc., C. S. Burke, secy., Jersey City, having plans prepared by C. W. Wands, 275 Blumfield Ave., Cauldwell, sanitorium, here. $750,000.

Pa., Phila.—THEATRE—M. Wolfe, c/o S. L. Moore, St. Girard Bldg., plans 140 x 145 ft. steel, 1106-14 Walnut St. Engineer and architect not selected.

Pa., Phila.—THEATRE and STORE—A. H. Erlanger, C. D. Dillingham & Stanley Co. of America, 1916 Race St., having sketches made by Hoffman-Henon Co., Finance Bldg., 150 x 200 ft., 21st and Market Sts. $1,500,000.

Pa., Phila.—WAREHOUSE—Magaziner, Eberhard & Harris, archt., 603 Chestnut St., soon lets contract 6 story and basement, 40 x 60 ft., rein-con. and steel, plain foundation, 325-29 Market St., for Markowitz Bros.

Pa., Pittsburgh—APARTMENT—Mutual Building Co., c/o J. Y. Hambley, 1st Natl. Bldg., having plans prepared by T. R. Hinckley and E. P. Mellon, 234 Ridge Ave., Park Mansions, 9 story and basement, brick, steel and terra cotta. $1,000,000.

N. C., Greensboro—OFFICE—Pilot Life Insurance Co., A. W. McAllister, pres., plans new office, in Sedgefield (suburb of here). To exceed $150,000.

N. C., Kinston—HOTEL—Kinston Hotel Corp. soon takes bids 107 x 210 ft. hotel, Queen St. $300,000. H. Hunter, High Point, archt. Noted Aug. 12.

N. C., Knollwood (mail Aberdeen)—HOTEL—Pinehurst, Inc., Pinehurst, plans 4 story, brick, stone and concrete hotel, here. $600,000.

Miss., Jackson—HOSPITAL—Mississippi Building Comn., R. L. Brown, secy., takes bids in January, (1st group) 8 buildings averaging 2 story, 40 x 150 ft., rein.-con. and brick for Rankin County Insane Hospital Colony, near here. Archts, total est. $2,500,000. N. W. Overstreet, Mississippi Fire Insurance Bldg., archt. Noted Nov. 11.

Tenn., Jackson—HOTEL—A. D. Noe, Jr. & R. L. Burgess, c/o Southern Hotel, raising $500,000 funds, 8 story, 125 room modern hotel.

Tenn., Knoxville — CLUB — Cherokee Country Club, c/o N. E. Logan, secy., Kingston Park, plans concrete and brick club house, Kingston Park. $150,000. Engineer and architect not selected.

O., Cleveland Heights (Warrensville P. O.)—APARTMENT—F. N. Riley and associates, Hanna Bldg., Cleveland, having preliminary plans prepared by J. F. Steffens, Fidelity Mortgage Bldg., Cleveland, 5 story and basement, brick, steel and concrete, here. $650,000.

O., East Cleveland (br. Cleveland) — AUTO SALES and SERVICE—L. Abrams, Mid-Arcade Bldg., Cleveland, having preliminary plans prepared by J. F. Steffens, Fidelity Mortgage Bldg., Cleveland, 2 story, brick, steel and concrete, Euclid Ave. near Ford Dr., here. $150,000.

O., Massillon — BUSINESS — Ohio Pub. Serv. Co. plans 2 story and basement, brick and steel, Plum and Mill Sts. $150,000.

Ind., Indianapolis—THEATRE, STORE and APARTMENT — J. Kassebaum, 924 Riviera Dr., having plans prepared by L. H. Sturges, 527 Board of Trade Bldg., 2 story and basement, 130 x 135 ft., rein.-con., brick and steel, Bellefontaine St. and Riviera Dr. $150,000.

Ind., Lafayette — HOSPITAL — Home Hospital, R. Alexander, pres., having preliminary plans prepared by W. Scholer, 301 Painters & Decorators Bldg., rein.-con., brick and steel, 24th and South Sts. $250,000.

Ind., Lafayette—STORAGE and WAREHOUSE—Callahan Co., 114 North 2nd St., having preliminary plans prepared 5 story and basement, 80 x 151 ft., rein.-con., brick and steel storage and warehouse. $200,000. Private plans.

Ind., New Castle—INSTITUTION—State Institution, c/o State Bd. Health, State House, Indianapolis, having preliminary plans prepared rein.-con., brick and steel dormitory for epileptics, here. $190,000. Engineer and architect not selected.

Ill., Aurora—THEATRE—A. M. Hirsh, c/o Hirsh-Riley-Stewart Co., 13 Bway., having preliminary plans prepared rein.-con., brick, stone and terra cotta theatre, Galena and River Sts. $1,200,000.

Ill., Chicago—APARTMENT—Syndicate, c/o Levy & Klein, archts., 111 West Washington St., having plans prepared 12 story and basement, 100 x 150 ft., rein.-con., brick and terra cotta, incl. swimming pool, Kenmore and Bryn Mawr Aves. $2,000,000.

Ill., Chicago—APARTMENT—H. Zisook, 1209 East 55th St., having plans prepared by T. R. Bishop & Son, 35 South Dearborn St., and takes bids about Nov. 22, 3 story and basement, 100 x 170 ft., brick, Lunt Ave. near Ashland Ave. $200,000.

Ill., Chicago—HOTEL—H. Dalsey, archt., 64 West Randolph St., preparing plans and takes bids about Dec. 1, 14 story and basement, 71 x 132 ft., rein.-con. and terra cotta, North Dearborn St. near Division St., for M. K. Wolf, c/o architect. $1,000,000.

Ill., Chicago—THEATRE—E. F. Behrens, archt., 605 North Michigan Ave., takes bids after Nov. 26, altering and constructing 1 story, 32 x 104 ft., rein.-con., brick and steel addition, for Tiffin Theatre, North and Karlow Aves. $150,000.

Ill., Edison Park (mail Park Ridge) — THEATRE, STORE and APARTMENT — United Scenic Studios, Inc., 28 West Lake St., Chicago, having preliminary sketches made by F. Jacobs, c/o owner. 3 and 4 story, brick and terra cotta, 6725 Northwest Highway. $750,000.

Ill., River Forest (mail Oak Park) — CLUB — Forest Hunt Polo Club, H. G. Goelitz, pres., 1012 North Boulevard, Oak Park, having preliminary plans prepared by R. J. Hotchkiss, 115 Oak Park Ave., Oak Park, brick and concrete club house, here. $300,000.

Ill., Springfield—OFFICE—G. and L. Kerasotes, Springfield, having plans prepared by C. Myers, engr. and archt., 1201 East Edwards St., and soon takes bids 3 story and basement, rein.-con., brick and steel, plain foundation, 6th and Washington Sts. $150,000.

Ill., Urbana — OFFICE and BANK — First Natl. Bank, A. F. Fay, pres., 102 East Main St., plans bank and office building. $200,000. Engineer and architect not selected.

Mich., Flint—HOSPITAL—Hurley Hospital, and Thielbar & Fugard, archts., 219 East Superior St., take bids after Dec. 1, 10 story and basement, 184 x 202 ft., rein.-con., brick and stone addition, 6th and Begole Aves. $1,600,000.

Ia., Spencer — HOSPITAL — Clay Co. defeated $100,000 bonds, for hospital. Noted Sept. 30.

Minn., Minneapolis — OFFICE—Intersection Holding Co., M. T. Baker, pres., Baker Bldg., having plans prepared by Larson & McLaren, 308 Baker Bldg., 12 story and basement, 60 x 100 ft., rein.-con. and brick, 7th St. and Marquette Ave. $900,000.

Minn., Minneapolis — OFFICE — W. B. Foshay Co., Foshay Bldg., having plans prepared by Magney & Tusler, 126 South 9th St., 2 story and basement, rein.-con., brick and stone, 9th St. and Marquette Ave. $200,000.

Mo., Excelsior Springs—HOTEL—J. Emmeke, c/o Elm Hotel, having plans prepared rein.-con. and brick hotel. $600,000. Private plans.

Mo., St. Louis—OFFICE and THEATRE—W. Fox Film Co., 55th St. and 10th Ave., New York City, N. Y., takes bids after Nov. 25, 17 story and basement, 244 x 360 ft., rein.-con., brick, steel and terra cotta with mezzanine floor and balcony, etc., Grand and Washington Blvds., here. Plans later large hotel joining above, Grand and Washington Blvds., here. Total $5,000,000. C. H. Crane, E. G. Kiehler & B. A. Dore, 400 Huron Bldg., Detroit, Mich., archts.

Tex., Beaumont — CITY HALL and AUDITORIUM—City, c/o O. J. Bloyd, city

Buildings—Commercial (Continued)

mgr., takes bids after Dec. 1, 2 story and basement, 172 x 192 ft., rein.-con. and brick, plain foundation, Keith Park, $250,000. F. W. Steinman & Son, 411 San Jacinto Life Bldg., archts. Noted Nov. 18.

Tex., Dallas—EXCHANGE—Southwestern Bell Telephone Co., F. M. Hoag, Southwestern Bell Telephone Co., St. Louis, Mo., having plans prepared by Lang & Witchell, engrs. and archts., 303 Amer. Exchange Bank, (1st unit) 18 story and basement, rein.-con. and steel, plain foundation, Akard St. $2,000,000. Total $5,000,000.

Tex., San Antonio—BUSINESS—Smith Bros. Properties, Inc., 431 South St. Marys St., having preliminary plans prepared by A. B. and R. M. Ayers, c/o Bedell Bldg., and takes bids after Jan. 15, 12 story and basement, brick, concrete and steel, Villita and St. Marys Sts. $350,000. Household Furniture Co., West Commerce St., lessee. Noted Nov. 18.

Tex., San Antonio—HOSPITAL—Santa Rosa Infirmary, 745 West Houston St., having plans prepared by L. M. J. Dielmann, 306 East Commerce St., brick, stone and rein.-con. addition. $500,000. Noted Nov. 11.

Tex., San Antonio — HOTEL — Woods Properties Corp., c/o H. C. Wood, pres., 907 Travis Bldg., having plans prepared by Kelwood Co., engrs. and archts., 907 Travis Bldg., 16 story and basement, 84 x 112 ft., rein.-con., brick, stone and steel, plain foundation, Navarro and Martin Sts. $600,000. Noted Oct. 28.

Tex., San Antonio — STORE — Sanger Bros., Main and Lamar Sts., Dallas, c/o C. J. Jones, pres., plans 200,000 sq.ft. floor space, rein.-con. and brick store, here. $300,000. Private plans.

Okla., Oklahoma City—OFFICE—Oklahoma Gas & Electric Co., Insurance Bldg., having plans prepared by Layton, Hicks & Forsythe ,Braniff Bldg., 7 story and basement, 75 x 140 ft., rein.-con. and brick, plain foundation, 3rd St. $400,000. Noted Nov. 4.

Wash., Seattle—COUNTY, CITY—Kings Co. defeaed $1,675,000 bonds, constructing 4 story addition, James St. and 3rd Ave. This corrects report in Nov. 18 issue.

Calif., Los Angeles — STORE and OFFICE—Wyatt Theatre Corp., Busch Bldg., plans 5 story and basement, 115 x 145 ft. Class "A" construction, 7th St. and Vernon Ave.

Calif., San Francisco — HOTEL and CLUB — Edgewater Beach Club, c/o Walker & Eisen, archts., Great Republic Bldg., Los Angeles, having plans prepared hotel and club, Great Highway. $1,000,000.

B. C. Vancouver—HOSPITAL—City, City Hall, election in December $750,000 bonds, rein.-con. and stucco with tile partition, on Hospital Grounds. A. J. Bird, City Hall, archt. Noted May 20.

Ont., Oshawa—HOTEL—G. W. Miles, c/o C. Dolphin, archt., 10 Leader Lane, Toronto, having plans prepared 4 story and basement, 50 room, rein.-con., brick and steel, plain foundation, King and Mary Sts. $150,000. This corrects report in Nov. 18 issue.

Ont., Sudbury—HOSPITAL and LAUNDRY—St. Josephs Hospital plans 3 story and basement hospital $150,000, and laundry $35,000, both rein.-con., brick, stone and steel, plain foundations. $185,000.

Ont., Toronto—OFFICE—City having plans prepared by E. J. Lennox, 364 Bay St., probably brick, concrete, stone and steel, City Hall Square. $200,000. Noted Nov. 26, 1925.

Ont., Windsor—CITY HALL—City, c/o M. A. Dickinson, clk., City Hall, plans rein.-con., natural stone, brick, tile, marble, terrazo and steel, plain foundation, on site of present building. $250,000-$500,000. Engineer and architect not selected.

Que., Drummondville—STATION—Canadian Pacific Ry., Windsor Sta., Montreal. J. M. R. Fairbairn, ch. engr plans railroad station, here. $200,000.

Que., Montreal — APARTMENT — Prudential Realty Co., 27 Kitchener Ave., plans fireproof apartment. $275,000.

Que., Quebec—HOTEL—Canadian Pacific R.R. Co., Windsor Sta., Montreal, having plans prepared addition to Hotel Frontenac, here. $1,500,000. J. M. R. Fairbairn, Montreal, ch. engr.

Bids Desired

N. H., Dover—BANK—T. M. James Co., archts., 3 Park St., Boston, taking bids 2 story and basement, brick, granite and steel, plain foundation, Washington St., for Strafford Natl. Bank, c/o C. S. Cortland. $150,000.

Mass., Boston — BUSINESS — Security System, c/o L. W. Besse, 21 Besse Pl., taking bids altering and constructing 5 story and basement, 40 x 115 ft., brick addition, plain foundation, 31-33 Otis St. $160,000. W. E. Dibble, c/o T. M. James Co., 3 Park St., archt.

Mass., Boston—HOTEL—See "Contracts Awarded."

Mass., Dorchester (Boston P. O.) — BANK — First Natl. Bank, 67 Milk St., Boston, taking bids 1 story and basement, rein.-con., brick, stone and steel, plain foundation, Dorchester Ave., here. $150,000. W. A. Dykeman, 15 Exchange St., Boston, archt. Noted Oct. 21.

Mass., North Adams—THEATRE—See "Contracts Awarded."

Mass., Roxbury (Boston P. O.)—APARTMENT—See "Contracts Awarded."

R. I., Providence—POST OFFICE—See "Contracts Awarded."

Conn., New Britain—SALES, SERVICE and REPAIR SHOP—H. E. Morton, 132 Arch St., taking bids 2 story, 65 x 135 ft., brick, Arch St. F. C. Teich, 212 Rathael Bldg., archt.

N. Y., New York—APARTMENT—See "Contracts Awarded."

N. J., Jersey City — See "Contracts Awarded."

Pa., Drexel Hill Park — GARAGE, STORE and APARTMENT — See "Contracts Awarded."

Pa., Phila.—CLUB, etc.—See "Contracts Awarded."

Pa., Phila.—HOSPITAL and ADMINISTRATION—Dec. 1, by H. Caster, archt., St. Girard Bldg., 7 story and basement, 45 x 202 ft. maternity hospital and 2 story and basement, 45 x 93 ft. administration building, both rein.-con., brick and steel, plain foundation, 13th and Tabor Sts., for Jewish Hospital.

O., Akron—HOSPITAL—Nov. 26 (from selected list of contractors), by Good & Wagner, archts. and engrs., Mohawk Bldg., 4 story and basement, 43 x 130 ft. with 36 x 55 ft. and 38 x 130 ft. wings, West Buchtel Ave., for Trustees, Childrens Hospital, East Buchtel Ave. Noted Sept. 16.

O., Cincinnati—OFFICE—Nov. 29, by Garber & Woodward, archts., 4 West 7th St., 8 story and basement, 210 x 288 ft., brick and rein.-con., plain foundation, 3rd and Vine Sts., for Union Central Life Insurance Co., 4th and Vine Sts. $3,000,000. Noted Sept. 16.

O., Dayton—CHILDRENS HOME—Dec. 14, by Comrs. Montgomery Co., approximately twenty-five 1 and 2 story brick and timber buildings for childrens home, Covington Pike. $350,000. Noted Oct. 21.

O., East Cleveland (br. Cleveland) — APARTMENT — Epstein Bros., 9203 Yale Ave., taking bids 3 story and basement, 70 x 100 ft., brick and timber, 1st Ave. $150,000. A. F. Janowitz, 811 Prospect Ave., Cleveland, archt.

Ind., Gary — STORE — Goodman Dept. Store, 653 Bway., taking bids 3 story and basement, rein.-con., brick, stone and steel department store. $200,000. H. Warriner, 673 Bway., archt.

Ind., Gary—STORE—Radigan Bros., 24 East 6th St., taking bids 3 story and basement furniture store, rein.-con., brick, stone and steel. $160,000 . H. Warriner, 673 Bway., archt. Noted Nov. 11.

Mich., Detroit—CLUB—Nov. 29, by G. D. Mason & Co., 80 Griswold St., 3 story, 100 x 150 ft., rein.-con., brick and steel addition, plain foundation, Columbia and John R. Sts., for Twentieth Century Club, John R. St. $200,000. Noted May 27.

Ill., Chicago—APARTMENT—H. Zisook, 1209 East 55th St., taking bids 3 story and basement, 100 x 172 ft., brick, Lunt and Hilldale Aves. $350,000 . T. R. Bishop & Son, 35 South Dearborn St., archts.

Ill., Chicago — AUTO SHOW ROOM — Dec. 1, by Oman & Lilienthal, archts., 64 West Randolph St., 1 story, 161 x 186 ft., brick, tile and terra cotta, 43rd St. and South Michigan Ave., for Cohn, Rissman & Schallman, 10 South La Salle St. $150,000.

WATER MAINS—DETROIT, MICH.

Bids were opened by Department of Water Supply, Sept. 15, for laying water mains, etc., Contract No. 1926-12, from (A) Ben Canini, Columbus, Ohio, (awarded contract); (B) Coolsaet Bros., Detroit; (C) P. Virginis, Chicago; (D) John A. McDace, Detroit. The unit bids are as follows:

	A	B	C	D
12,310 ft. 24-in. pipe	$2.75	$2.77	$2.80	$2.90
5 ft. 16-in. pipe	3.00	3.00	2.64	3.50
4,040 ft. 12-in. pipe	1.05	1.00	1.13	1.25
230 ft. 8-in. pipe	.80	1.00	1.035	2.00
7 24-in. gate wells	250.00	600.00	550.00	800.00
1 16-in. gate well	75.00	3.00	100.00	150.00
12 6-8-12-in. gate wells	65.00	75.00	80.00	90.00
7 B. O. gates and wells	80.00	125.00	100.00	150.00
14 cu.yd. concrete	21.00	20.00	25.00	25.00
8 tons crushed stone	6.00	4.00	5.00	5.00
Extended totals	$41,801	$44,674	$45,284	$49,497

Ill., Chicago—HOSPITAL—Dec. 5, by Oman & Lilienthal, archts., 64 West Randolph St., 4 story, 113 x 200 ft., brick and stone, 1731-39 North Wells St., for North Wells Building Corp., c/o architects. $300,000.

Wis., Oshkosh — THEATRE and BUSINESS—Nov. 27 (extended date), by Wolff & Ramsthol, archts., 230 Grand Ave., Milwaukee, 3 story and basement, 112 x 215 ft., brick, concrete and terra cotta, plain foundation, Main St., here, for Fischer Paramount Theatres, 36 South State St., Chicago, Ill. $350,000. Noted Nov. 18.

Calif., Oakland — CLUB — Supervs. Alameda Co. taking bids 2 story and basement, rein.-con., artificial stone and terra cotta, Adams Park. $250,000. American Legion, lessee. H. H. Meyers, Kohl Bldg., San Francisco, archt.

Ont., Toronto—APARTMENT—See "Contracts Awarded."

Contracts Awarded

N. H., Hampton Beach—DANCE HALL and STORE—J. E. Cuddy, Jr., et al, 285 Essex St., Lawrence, 2 story and basement, 105 x 235 ft., brick and timber, plain foundation, to L. H. McAloon, 102 Cambridge St., North Andover. Archts. est. $150,000. Noted Nov. 11.

Mass., Boston — APARTMENT — E. Henderson, 28 Revere St., 10 story and basement, 40 x 100 ft., rein.-con., brick and limestone, plain foundation, 282 Beacon St., to Boyle-Robertson Constr. Co., 11 Beacon St., Boston. Archts. est. to exceed $150,000. Noted Oct. 21.

Mass., Boston — HOTEL — Boston Loan Co., 275 Washington St., will alter 4 story and basement, brick Y.M.C.A. building, plain foundation, into hotel, 68 Warrenton St. $150,000. Work will be done by separate contracts. Silverman, Brown & Heenan, 51 Cornhill, Boston, archts. Noted June 10.

Mass., Malden (Boston P. O.)—MASONIC —M. Dana, Pemberton Bldg., Boston 2 story and basement, brick and stone, plain foundation, Pleasant St., to W. H. Porter, 133 Spruce St., Watertown, Archts. est. $150,000.

Mass., North Adams—THEATRE—D. J. Casey, 74 Meadow St., will build 1 story and basement, brick and steel, plain foundation, Main St., by day labor. $150,000. J. M. Vance, 26 North St., Pittsfield, archt.

Mass., Roxbury (Boston P. O.)—APARTMENT—D. Saklad, 108 Pemberton Bldg., Boston, will build 5 story and basement, 80 x 100 ft., brick, stone and steel, plain foundation. $900,000. Work will be done by separate contracts. S. E. Moffie, 51 Cornhill, Boston, archt. Noted Nov. 18.

R. I., Providence—POST OFFICE—J. H. Broderick, 114 Dudley St., Roxbury, Mass., will build 2 story and basement, brick and stone, plain foundation, Elmwood Station, by day labor. $150,000. G. E. Robinson, Chamber of Commerce Bldg., Boston, archt. U. S. Govt., Treas. Dept., lessee.

Conn., Plainville — THEATRE and STORE — Sequassaen Corp., Inc., 2 story, 130 x 130 ft., brick, steel, limestone and marble, West Main St., to Lawrence & Coe Constr. Co., 43 Farmington Ave., Hartford. Archts. est. $200,000. Noted Oct. 28.

N. Y., New York — APARTMENT — Nathan Constr. Co., c/o H. I. Feldman, archt., 415 Lexington Ave., will build 6 story, 134 x 140 ft., brick, steel and stone, plain foundation, Franklin Ave. and 168th St., by day labor. $350,000.

N. Y., New York — APARTMENTS — Rochal Constr. Co., c/o H. I. Feldman, archt., 415 Lexington Ave., will build two 5 story, 100 x 100 ft., brick, steel and stone, plain foundation, by day labor. $200,000 each.

N. Y., New York—APARTMENT—J. G. Siegel, Inc., 343 Madison Ave., will build

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Buildings—Commercial (Continued)

16 story, brick, steel and stone, plain foundation, West 86th St. $800,000. Work will be done by separate contracts.

N. Y., New York—BANK and OFFICE—Corn Exchange Bank, 13 William St., W. C. Petkin, secy. and treas., 12 story, brick, steel and stone, plain foundation, 669 8th Ave., to W. K. Kiehnle Co., 3606 Park Ave. Archts. est. $400,000. Noted Nov. 4.

N. Y., New York—OFFICE and STORE—New York Federation of Jewish Charities, 114 5th Ave., brick, steel and stone, plain foundation, 67 East 47th St., to G. Richard Davis & Co., Inc., 12 East 41st St. Archts. est. $600,000.

N. J., Jersey City — APARTMENT HOTEL—E. Marks, c/o G. Stades, archt., 665 Newark Ave., will build 5 story, brick, steel and stone, plain foundation, Journal Sq. $300,000. Work will be done by separate contracts, under owner's supervision.

Pa., Drexel Hill Park—GARAGE, STORE and APARTMENT—T. Conway, Jr., will build 2 story, 50 x 130 ft. garage, also 2 story and basement, 50 x 140 ft. store and apartment building, brick and steel, Garrett and Windermer Rds. Work will be done by separate contracts. Wallace & Warner, Franklin Trust Bldg., Phila., archts.

Pa., Phila.—APARTMENT—J. Rabinowitz, 37th and Walnut Sts., 13 story and basement, 62 x 106 ft., rein.-con., brick and steel, plain foundation, 23rd and Walnut Sts., to Boyle Robertson Constr. Co., Evans Bldg., Wash., D. C. Archts. est. $750,000. Noted Sept. 30.

Pa., Phila.—CLUB, etc.—J. Tapp, 1408 South Broad St., will build 1 story and basement, 60 x 150 ft., rein.-con., brick and steel, plain foundation, Broad and Christian Sts. Work will be done by separate contracts. Watts & Coscia, 1504 Locust St., archts.

Md., Baltimore—OFFICE—Bd. Awards, 13 story, 149 x 208 ft., rein.-con., brick and steel, Holliday, Lexington and Guilford Aves., to J. Henry Miller, Inc., Eutaw and Franklin Sts. $1,498,000. Noted Nov. 18.

N. C., Greensboro—HOTEL—Sedgefield Hotel Co., 3 story and basement, brick and stucco, 5 mi. from here, to Walter Kidde & Co., Inc., 140 Cedar St., New York City, $400,000. Noted July 22.

O., Cincinnati—OFFICE—See "Buildings—Industrial."

O., Cleveland — HOME — P. Wheatley Assn., J. E. Hunter, secy., 2269 East 40th St., 1 story, 48 x 108 ft., and 9 story, 38 x 124 ft., brick, steel and concrete, incl. swimming pool, 4400 Cedar Ave., to Reaugh Constr. Co., 2835 East 51st St. Archts. est. $500,000.

O., Marion — MEMORIAL — Harding Memorial Assn., Georgia marble monument for Harding, to E. Elford, 555 Park Ave., Columbus, and Presby-Leland Co., 681 5th Ave., New York City, N. Y., $470,000. Noted May 6.

Ind., Gary — APARTMENT — E. A. Barger, 721 Tyler St., general contract 5 story and basement, 56 apartment, rein.-con., brick, terra cotta and steel, to Bennett & Livingston, 801 Grant St., $275,000. Noted Sept. 23.

Ind., Indianapolis — APARTMENT — H. Fitton, 3225 North Meridian St., 7 story and basement, rein.-con., brick and steel, 3231 North Meridian St., steel contract, to R. Berner Structural Steel Co., 401 South Harding St.; heating, to Freyn Bros., 1028 North Illinois St.; and brick, to W. Wise, Indiana Trust Bldg. Archts. est. $200,000.

Ind., Muncie—ARMORY—Indiana Natl. Guard, W. H. Kershner, adj.-genl., State House, Indianapolis, rein.-con., brick and steel, to Ostrom Realty & Constr. Co., Peoples Bank Bldg., Indianapolis, $160,000.

Mich. Detroit—Y. M. C. A., A. G. Studer, secy., Y. M. C. A. Bldg., 4 story and basement, rein.-con., brick and steel, plain foundation, Winona Ave. Highland Park, to Culbertson & Kelly, 872 West Milwaukee Ave. Archts. est. $700,000. Noted June 10.

Ill., Chicago—APARTMENT—E. Leville, 2642 Devon Ave., masonry contract 3 story, brick, 6415-29 North Richmond St., to C. Certsen; carpentry work, to C. M. Dahlquist, 4928 North Fairfield Ave. Archts. est. $175,000.

Ill., Chicago—APARTMENT and STORE—Weber Memorial Building Corp., 6200 North Clark St., masonry contract 3 story, 47 x 375 ft., brick, 1605-23 Thome Ave., to A. Lindstrom Co., 77 West Washington St. Archts. est. $350,000.

Ill., Chicago—APARTMENT—Friedman Constr. Co., 105 North Clark St., masonry and carpentry contract 6 story and basement, 55 x 175 ft., rein.-con., brick and stone, 5218 Kenwood Ave., to J. McHugh Sons, 840 West 70th St. Archts. est. $400,000. Noted Oct. 28.

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Ill., Chicago — APARTMENT — A. L. Klewer, archt., 220 South Michigan Ave., general contract 8 story and basement, 50 x 125 ft., rein.-con., brick, steel and terra cotta, Pratt Blvd. near Sheridan Rd., to J. A. Lundstrum & Co., 1107 Addison St., for Pratt Boulevard Hotel Corp., c/o architects. Archts. est. $400,000. Noted Oct. 7.

Minn., St. Paul—HOTEL—Union Gospel Mission, P. McFarlane, supt., 235 East 7th St., general contract 4 story and basement, rein.-con. and brick, 8th and Wacouta Sts., to C. Skooglun, 502 Ryan Bldg., Minneapolis. Archts. total est. approximately $165,000. Noted July 15.

Mo., Joplin—OFFICE—Smith & Van Pelt, archts., 819 Frisco Bldg., 4 story and basement, 50 x 160 ft., rein.-con., brick and stone, to Blaser-Vollmer, Fort Scott, Kan., for Empire Dist. Electric Co. $125,-647. Noted Nov. 4.

Tex., Dallas—APARTMENT—W. L. Carwile, 3212 Oak Lawn, general contract 7 story, 68 x 170 ft., rein.-con., plain foundation, Oak Lawn, to Churchill-Humphreys Magnolia Bldg., $250,000.

Tex., San Antonio — HOTEL — Smith Bros. Properties, Inc., 431 South St. Marys St., 12 story, 110 x 140 ft., rein.-con., brick and stone addition to Plaza Hotel, plain foundation, St. Marys St. on Bowens Island, to McKenzie Constr. Co., c/o Travis Bldg., San Antonio. Archts. est. $300,000. Noted Nov. 18.

Tex., San Benito—HOTEL—See "Unclassified."

Ont., Toronto—APARTMENT—H. Falk, Hobberlen Bldg., will build 4 story and basement, 100 x 125 ft., rein.-con., brick and steel, plain foundation, Longe St. $300,000. Work will be done by day labor and separate contracts.

Ont., Toronto—APARTMENT—J. T. Ransom, Metropolitan Bldg., will build 4 story and basement, 50 suite, rein.-con., brick and steel, plain foundation, Yonge St. and Farnham Ave. $500,000. Work will be done by separate contracts. Private plans. Noted Nov. 11.

Buildings—Industrial

Proposed Work

Mass., Everett — LAUNDRY — Glendale Laundry, Inc., W. M. Clarke, 740 Bway., having preliminary plans prepared by Lockwood Greene & Co., 24 Federal St., Boston, rein.-con. and brick, plain foundation, Bway. To exceed $40,000.

Mass., Quincy (Ind. br. Boston)—MANUFACTURING—Norfolk Woodworking Co., 53 Wyman Rd., Braintree, having plans prepared by L. S. Joslin, 339 Newbury St., Boston, 1 story, 60 x 140 ft., and 140 x 260 ft. mills, 40 x 45 ft. brick and concrete boiler house, 35 x 40 ft. ice building, brick and concrete 30 x 40 ft. brick and stone garage, and 50 x 110 ft. brick and timber lumber storehouse. $200,000.

Mass., South Weymouth — REPAIR GARAGE and SHOW ROOM—Bracket & Margeson having plans prepared by Batty, Gallagher & Hobart, 13 Temple St., Quincy, 1 story, rein.-con., Independent Sq. $40,000.

R. I., Providence—PLANT—Amer. Silk Spinning Co., Admiral St., having plans prepared by C. R. Makepeace, Butler Exch. Bldg., 3 story, brick addition. To exceed $40,000.

N. Y., Syracuse—BAKERY—Wards Baking Co., 239 Shonnard Ave., having plans prepared by Equity Constr. Co., 978 Brook Ave., 3 story, 150 x 250 ft., Shonnard Ave. $500,000.

N. J., Trenton—OIL PLANT—Sun Oil Co., Trenton, plans oil storage plant on Duck Island, near here. F. M. Brown, 275 Nassau St., Princeton, pres.

Pa., Phila.—FACTORY—E. A. Stopper, archt., 10 South 18th St., soon lets contract 5 story and basement, 30 x 100 ft., rein.-con., brick and steel, plain foundation, American and Buttonwood Sts., for R. L. Binder, Metal Castings Co., 497 North 3rd St. Noted Nov. 11.

Del., Wilmington—FACTORY—Monks & Johnson, archts., 99 Chauncey St., Boston, Mass., soon lets contract, 5 story, 152 x 127 ft. finishing building, 2 story, 16 x 125 ft. pulling out room building, 10 story, 125 x 151 ft. printing room, and 2 story, 125 x 230 ft. oven building, Christiana and Bush Sts., here, for J. F. Darling Co., Inc., 253 36th St.

North Carolina—POWER HOUSE—See "Unclassified."

O., Cleveland—BAKERY—Jacob Laub Baking Co., J. Laub, pres., 4919 Lorain Ave., had plans prepared by Anders & Reimers, Erie Bldg., 2 story and basement, 40 x 50 ft., brick and steel addition. $40,000.

O., Cleveland — FACTORY and COMMERCIAL—S. Korach, 2400 Superior Ave., had plans prepared by Morris & Weinberg, 3608 Euclid Ave., 1 story and basement, 41 x 76 ft., brick and steel, 3965 Carnegie Ave. $40,000.

O., Cleveland—FACTORY—Amer. Stove Co., J. G. Way, mgr., 4301 Perkins Ave., had plans prepared by Carter-Richards Co., archts. and engrs., Engineers Bldg., 1 story, 50 x 220 ft., brick and steel, Hough Ave. $60,000.

O., Cleveland — REPAIR SHOP — New York Central R.R. Co., R. O. Rote, ch. engr., (lines west of Buffalo), West 3rd St. and St. Clair Ave., postponed taking bids until spring. 1 story, 35 x 200 ft., brick, East 152nd St. $60,000. Noted Oct. 28.

Mich., Detroit — MACHINE SHOP — Dodge Bros., Inc., 7900 Jos Campau Ave., having plans prepared by Smith, Hinchman & Grylls, 800 Marquette Bldg., 2 story, rein.-con., brick and steel machine shop. $100,000.

Mich., Muskegon — WAREHOUSE — See "Excavation, Drainage, Irrigation, Levees, River and Harbor."

Wis., Milwaukee—GARAGE and SERVICE—G. W. Browne, 146 Bway., having plans prepared by P. Morzillier, 144 Oneida St., 3 story and basement, 120 x 120 ft., rein.-con., brick and steel, plain foundation, Grand Ave. $150,000. O. Osthoff, 9 Waverly Pl., engr.

Wis., Milwaukee—GARAGE and SERVICE—Federal Tire & Supply Co., 503 Bway., having plans prepared by A. L. Seidenschwartz, 290 3rd St., 2 story and basement, 131 x 133 ft., concrete, brick and steel, plain foundation, National Ave. $100,000-$150,000. Noted Sept. 30 under "Buildings—Commercial."

Kan., Topeka — POWER PLANT — St. Marys College having plans prepared power plant, steam heating system and sewers. $50,000. S. A. Sulentic, New England Bldg., Topeka, consult. engrs.

Mo., Lees Summit — BINDERY — See "Buildings—Educational, Religious."

Mo., Kansas City — CONCRETE MIXING PLANT, etc.—W. A. Ross Constr. Co., Ry. Exch. Bldg., having plans prepared central concrete mixing plant, office, garage and machine shop, rein.-con., brick and steel. $75,000. Private plans.

Tex., Amarillo—ICE and REFRIGERATION PLANT—Badger Ice Co. purchased site and plans 140 x 200 ft., brick, steel and rein.-con., 150 ton capacity. $250,000. Private plans.

Tex., Childress — PAINT, COACH and MILL SHOP—Ft. Worth & Denver Ry. Co., R. C. Gowdy, ch. engr., Denver, Colo., had plans prepared brick, steel and rein.-con. shop, here. $100,000. Private plans.

Tex., San Saba — HYDRATED LIME and FERTILIZER PLANT — Amer. Fertilizer & Chemical Wks., c/o T. F. Hawkins, having plans prepared 4 story, stone and steel plant, electrically operated. $150,-000. Private plans.

Calif., San Francisco — GARAGE and REPAIR SHOPS, etc.—City and San Francisco Co. plan election $60,000 bonds, garage and machine shops for bus lines; also $250,000 bonds, car and repair shops. M. M. O'Shaughnessy, city engr.

Wash., Olympia—COLD STORAGE—See "Excavation, Drainage, Irrigation, Levees, River and Harbor."

Ont., Sudbury—LAUNDRY—See "Buildings Commercial."

Ont., Toronto — FACTORY — Crosse & Blackwell Canada Ltd., 43 Front St. E., having plans prepared by Chapman & Oxley, Northern Ontario Bldg., 2 and 3 story and basement, rein.-con. and steel, plain foundation, Fleet St. and Boulevard Dr. $1,000,000. Noted Nov. 11.

Bids Desired

Mass., Boston—FACTORY—See "Contracts Awarded."

Mass., Malden (br. Boston)—FACTORY—Boston Dye House, 22 Eastern Ave., taking bids 3 story, rein.-con. and brick, plain foundation, 253-255 Main St. and Eastern Ave. $40,000. Krokyn & Browne, 220 Devonshire St., archts. M. Linentahl, 333 Washington St., Boston, Mass., engr. Noted Nov. 4.

Conn., New Haven — PLANT — Hamilton Bottling Wks., 91 Hamilton St., taking bids 2 story, 50 x 76 ft., brick, steel and concrete, Hamilton St. $45,000. J. Della Valle, 341 State St., archt. Noted Nov. 18.

N. Y., Middletown — CAR REPAIR SHOP—See "Contracts Awarded."

Pa., Derry—MANUFACTURING—Westinghouse High Voltage Insulator Co. taking bids 1 story, 100 x 450 ft. manufacturing plant, here. $100,000. B. H. Prack, Martin Bldg., Pittsburgh, archt.

Buildings—Industrial (Continued)

O., Akron—FACTORY—Dec. 9, by Firestone Tire & Rubber Co., 1289 South Main St., 6 story, 45 x 190 ft., brick, steel and rein.-con. addition to Plant 2, Wilbur Watson and associates, 4614 Prospect Ave., Cleveland, archt. E. A. Hoener, c/o owner, ch. engr. Noted Nov. 11.

Ind., Indianapolis — GAS PLANT — See "Contracts Awarded."

Mich., Detroit — MACHINE SHOP — A. Kahn, 1000 Marquette Bldg., taking bids 1 story, 200 x 1,632 ft., rein.-con., brick and steel, plain foundation, Lynch Rd., for Dodge Bros., Inc., Jos Camnau Ave.

Ill., Chicago—SUBSTATION—Nov. 30, by Dept. Pub. Wks., Room 406, City Hall, 1 story, concrete, brick, steel and stone addition, 3242 West 22nd St., for Dept. Gas & Electricity. A. A. Sprague, comr.

Wis., West Allis—SERVICE SHOP—See "Contracts Awarded."

Calif., San Jose—PACKING PLANT and WAREHOUSE — P. L. Bush, engr., 101 California St., San Francisco, taking bids 1 story, 100 x 400 ft., brick and concrete, here, for California Packing Corp., 101 California St., San Francisco.

Contracts Awarded

Mass., Boston—FACTORY—B. Krivitsky, 217 Albany St., will alter and construct 3 story and basement, brick addition, plain foundation, Seneca and Albany Sts. $40,000. Work will be done by separate contracts. B. S. Brown, 65 Franklin St., archt.

Mass., Cambridge (Boston P. O.)—PRINTING PLANT—S. Hoinzelman, 2 Woodward Pk., Somerville, altering and constructing 2 story, 50 x 100 ft., rein.-con. addition, plain foundation, 65 Austin St., to Frankini Bros. Co., 30 Mystic Ave., Medford. Archts. est. $40,000.

Mass., Dorchester (sta. Boston) — REPAIR and SERVICE GARAGE—W. McDonough, c/o S. S. Eisenberg, archt., 46 Cornhill, Boston, 1 story, 75 x 190 ft., rein.-con. and brick, plain foundation, Pleasant and Hancock Sts., here, to R. Gauvreau & Co., 11 Beacon St., Boston. Archts. est. $60,000. Noted Nov. 18.

Mass., Springfield—PLANT—Springfield Republican, 32 Cypress St., altering 3 story, brick, Cypress St., to G. H. Stevenson & Son., Westfield. Archts. est. $75,000. Noted Nov. 11.

N. Y., Brooklyn — DRY CLEANING PLANT—E. R. Welles, pres. Pub. Industrials Corp. and its subsidiary Natl. Dry Cleaning Corp., 120 Bway., New York City, retained J. G. White Eng. Corp., 43 Exchange Pl., New York City, to design and construct 50 x 100 ft. addition, etc., Morgan Ave. and Beadel St., here.

N. Y., Brooklyn — POWER HOUSE — Bush Terminal, Inc., foot 43rd St., rein.-con., brick and steel, plain foundation, here, to Turner Constr. Co., 244 Madison Ave. Archts. est. $1,500,000.

N. Y., Middletown — CAR REPAIR SHOP — New York, Ontario & Western R.R., Grand Central Terminal, New York City, will build 80 x 356 ft., rein.-con., brick and steel, plain foundation, in Yard, here. $60,000. Work will be done by separate contracts. Private plans.

N. Y., New York—SHOPS—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., enclosures of 4th addition to shops, Lenox Ave. and 148th St. Yard, to Eastern Constr. Co., 110 West 40th St., $458,000. Noted Nov. 11.

Pa., Pittsburgh—MANUFACTURING—Hubbard Co., Butler St., 1 story, brick and steel addition, to Austin Co., Union Trust Bldg. Archts. est. $150,000.

Ia., Davenport — BAKERY — Campbell Baking Baking Co., H. B. Ward, pres., 285 Madison Ave., New York City, N. Y., 2 story, 143 x 150 ft., rein.-con. brick and steel, plain foundation, East River St., here, to Priester Constr. Co., 1006 Kahl Bldg. Archts. est. $165,000. Noted Sept. 23.

Tenn., Lewisburg — PLANT — Borden Southern Co. (subsidiary of Borden Milk Co., 350 Madison Ave., New York City), general contract, incl. plumbing and elevators, 2 story, 56 x 310 ft., rein.-con. and timber plant, and 1 story, 56 x 112 ft., brick and steel portion which includes boiler and engine room, here, to H. K. Ferguson Co., 4900 Euclid Ave., Cleveland, O. Noted July 8.

O., Cleveland — MILL, KILN and BOILER HOUSE—Appalachian Hardwood Lumber Co., 5100 Brookpark Rd., brick and steel, 5100 Brookpark Rd., to H. E. Klefman Co., 2844 Lorain Ave.

O., Cincinnati—FACTORY and OFFICE—J. Van Range Co., 5th St., 1 story, 280 x 440 ft. factory, and 4 story, 62 x 440 ft. office building, Robertson St., to Arnold Eng. Co., 565 Washington Bldg., Chicago, Ill., $1,000,000.

O., Cleveland—BAKERY—J. Laub Co., J. Laub, pres., 4919 Lorain Ave., 2 story, 40 x 50 ft., brick and steel addition, to Schirmer-O'Hara Co., 1720 Euclid Ave. Archts. est. $40,000. Noted Nov. 25.

O., Cleveland—BAKERY—J. Spang Baking Co., 1566 East 24th St., 1 story, 35 x 158 ft., brick and steel addition, to H. Klefman Co., 2840 Lorain Ave. Archts. est. $50,000.

O., Cleveland—FACTORY—F. Lipman, 6201 Woodland Ave., 1 story, 37 x 100 ft., brick addition, to M. Burkons, 3335 East 142nd St. Archts. est. $40,000.

Ind., Indianapolis—GAS PLANT—Citizens Gas Co., Prospect St. Sta., C. Kirk, vice pres. and genl. mgr., 47 South Penna. St., will build sulphate of ammonia plant $350,000, new coke screening and loading plant $160,000, coal preparation and new equipment $400,000, and 40 new coke ovens $983,000, by day labor. Grand total $1,893,000. Private plans.

Ill., Chicago—FACTORY—Natures Rival Co., 1644 Irving Park Blvd., masonry and carpentry contract 3 story and basement, 76 x 163 ft., brick and stone addition, 4000-4006 North Paulina Ave., to W. G. McNulty & Bro., 58 East Washington St. Archts. est. $200,000. Noted Aug. 19.

Wis., West Allis—SERVICE SHOP—Lex Constr. Co., 446 68th Ave., will build 1 story, 62 x 160 ft., brick and concrete, plain foundation, 82nd Ave., by day labor. Private plans.

Ia., Cedar Rapids—FACTORY—Speder Mchy. Co., Fairfield, general contract 1 story, 144 x 164 ft., rein.-con. and steel, 1201 South 6th St. W., here, to O. F. Paulson, Granby Bldg., Cedar Rapids. Archts. total est. approximately. $43,000.

Buildings—Educational, Religious

Proposed Work

Mass., Lynn—CHURCH—Church of the Holy Family, P. Sozzi, pastor, 21 Bessom St., plans 1 story and basement, brick, Bessom St. $150,000. Engineer and architect not selected.

R. I., Woonsocket — CHURCH — St. Anthony's Roman Catholic Church, c/o A. J. Murphy, archt., 146 Westminster St., Providence, rejected bids 2 story and basement, brick and stone, plain foundation, Greene St. To exceed $150,000. Will probably readvertise. Noted Nov. 11.

Conn., Hamden (br. New Haven) — SCHOOLS—Town, School Bd., J. H. Strain, chn., receiving competitive plans Dec. 14, brick and steel, Pine and Helen Sts., engineer and architect not selected; also having plans prepared by A. W. Boylen, 39 Center St., New Haven, 4 room addition to Spring Glen School, $150,000. Noted Feb. 18.

Conn., Hartford—DORMITORY—Trinity College, Vernon St., R. B. Ogilby, pres., plans dormitory. $150,000 donated. Engineer and architect not selected.

N. Y., New York—INSTITUTE—First Institute of Pediatry, 213 West 125th St., soon takes bids 4 story, brick, steel and stone, plain foundation, 53 East 124th St. $175,000. Jallade, Lindsey & Warren, 129 Lexington Ave., archts. Noted July 15.

N. J., Bayonne—HIGH SCHOOL——Bd. Educ. having plans prepared by G. B. Webb, 10 East 43rd St., New York City, brick, steel and stone, plain foundation, $1,000,000.

N. J., Rahway—SCHOOL—Bd. Educ., G. M. Howard, secy., soon takes bids brick, steel and stone, plain foundation, Wilson Ave. $250,000. S. Williams, Irving St., archt. Sprague & Slocum, 12 East 42nd St., New York City, engrs.

Pa., Coraopolis — SCHOOL — Bd. Educ. having preliminary plans prepared by E. J. Stotz, Monon Bank Bldg., Pittsburgh, 2 story and basement, brick and steel addition. $150,000.

Pa., Mt. Lebanon (Pittsburgh P. O.)—CHURCH—Mt. Lebanon United Presbyterian Congregation, having plans prepared by J. L. Beatty, Jackson Bldg., Pittsburgh, and O. M. Topp, associated archt., Jenkins Arcade, Pittsburgh, 1 and 2 story and basement, irregular shaped, stone and steel addition, North Liberty Ave., here. $350,000.

Pa., Phila.—COLLEGE—University of Pennsylvania Christian Assn., B. W. Frazier, pres. bd. dirs., 1600 Walnut St., having plans prepared by Thomas, Martin & Kirkpatrick, 220 South 16th St., college, 36th and Locust Sts. $750,000.

Pa., Woodlawn — LIBRARY — E. M. Horne, Pittsburgh, having plans prepared by Bartholomew & Smith, Keenan Bldg., Pittsburgh, B. F. Jones, Memorial Library, 2 story and basement, Franklin Ave., here. $200,000.

N. C., Durham — SCHOOLS — Election Dec. 7, $1,250,000 bonds schools.

Tenn., Johnson City — DORMITORY, LABORATORY and LIBRARY—East Tennessee State Teachers College plans three buildings, here. $300,000. C. C. Sherrod, pres.

Tenn., Nashville — CHURCH, SUNDAY SCHOOL and DORMITORY—First Evangelical Lutheran Church, I. W. Gernert, pastor, 2310 Dixie Pl., plans raising $450,000 funds, for church, Sunday-school and dormitory, 8th and McGarock Aves.

O., Bedford—SCHOOL, etc.—Bd. Educ., R. P. Orchard, clk., having plans prepared by Carter-Richards Co., Engineers Bldg., grade school and addition. $200,000.

O., Dover—HIGH SCHOOL—Bd. Educ. Dover Village School Dist., having plans

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Buildings—Educational, Religious (Cont.)

prepared by Fulton & Taylor, 8120 Euclid Ave., Cleveland, 2 story and basement, brick, steel and concrete addition. $200,000.

O., Lakewood (br. Cleveland) — HIGH SCHOOLS—Bd. Educ., G. W. Grill, clk., 1456 Warren Rd., having plans prepared by C. W. Hopkinson, 900 Rose Bldg., Cleveland, 2 story, brick, steel and concrete additions to Harding, Emerson and Horace Mann High Schools. $175,000.

Mich., Ypsilanti — LIBRARY — Michigan State Normal College, G. M. Walton, librarian, plans 2 story and part basement, brick, steel, stone and rein.-con., plain foundation, State Normal Campus. $300,000.

Mo., Joplin — GRADE and HIGH SCHOOL—Bd. Educ. having plans prepared by C. A. Smith, 800 Finance Bldg., Kansas City, and takes bids about Dec. 1. Grade and Junior High School, 16 room, brick and stone, incl. auditorium and gymnasium. $175,000.

Mo., Lees Summit — SCHOOL — Unity School of Christianity, 917 Tracy St., Kansas City, having plans prepared by E. Boillot, 1202 Scarritt Bldg., Kansas City, administration building, editorial and arts building, also bindery, each 66 x 176 ft.; 84 x 230 ft. stock and printing building; 120 x 120 ft. chapel; 70 x 84 ft. central heating plant; 70 x 100 ft. reception and broadcasting building; and 66 x 276 ft. silent unity building; all 2 story and basement, rein.-con., brick, steel and stone. $1,500,000. Noted Aug. 26.

Tex., Ft. Worth—SCHOOLS—Election Dec. 4, $750,000 bonds, North Side Junior High School, 9th Ward, and additions to Oakhurst, T. C. O. South Ft. Worth, and gymnasium at Senior High School. Address E. A. Crockett, chn. Bd. Educ., W. T. Waggoner Bldg.

Calif., Pasadena — AERONAUTICS — Carnegie Institute of Technology having sketches made by C. Stein, 56 West 45th St., New York City, aeronautics building. $300,000.

Ont., Toronto—SCHOOL—Bd. Educ., 155 College St., W. W. Pearse, secy. soon takes bids West End Technical School and high school of Commerce, 3 story and basement, rein.-con., brick and steel, plain foundation, Glendonwynne Ave. $1,152,000. C. Dyerson, 155 College St., archt.

Bids Desired

Me., Rumford—NURSES HOME—Rumford Community Hospital, F. L. Latham, chn., taking bids 3 story and basement, brick and stone, plain foundation. Franklin St. $150,000. Rogers & Dion, 142 Berkley St., Boston, archts.

Mass., Quincy (Boston P. O.)—SCHOOL—St. Josephs Roman Catholic Church, M. J. Cuddihy, pastor, Quincy Point, taking bids 2 story and basement, brick and stone, plain foundation, Washington and Pray Sts. $150,000. Noted Oct. 21.

Mass., Southampton—NURSES HOME—Plymouth Co. Hospital, c/o J. W. Beal Sons Co., archts., 185 Devonshire St., Boston, taking bids 3 story and basement, brick and stone, plain foundation. $150,000. Noted Nov. 11.

Mass., Swampscott — CONVENT — St. John the Evangelist, G. A. Readon, pastor, taking bids 3 story and basement, brick and stone, plain foundation, Humphrey St. $150,000. M. Sullivan, 100 Boylston St., Boston, archt.

Mass., Worcester—SCHOOL—Holy Name of Jesus Parish, J. A. Dalpe, pastor, taking bids altering and constructing 3 story and basement, 75 x 150 ft., brick addition, plain foundation. $150,000. O. E. Nault, 48 Hamilton St., archt.

N. Y., Jamaica—SCHOOL—Dec. 7, by W. H. Gompert, supt. School Buildings, Flatbush Ave. extension and Concord St., Brooklyn, P. S. 117, 143rd St. near 85th Dr., here, for Bd. Educ., 500 Park Ave., New York City. Noted Jan. 14.

Pa., Franklin—HIGH SCHOOL——Dec. 18, by J. A. Long, secy. School Dist., 3 story and basement, 100 x 140 ft., brick and steel addition to Junior High School. $200,000. J. E. Adams, Nemo Bldg., Johnstown, archt.

Pa., Phila. — MUSEUM — Dec. 1, by Stewardson & Page, archts., 315 South 15th St., 2 story, mezzanine and 2 basements, 65 x 204 ft., brick and steel addition, plain foundation, 34th and Spruce Sts., for University of Phila. Day & Klauder, Franklin Trust Bldg., and Eyre & McIlvaine, 1005 Spruce St., associated archts.

Pa., Swarthmore—SCHOOL—Dec. 7, by School Dist., H. Jaquette, secy., altering and constructing addition, College Ave. Ritter & Shay, Packard Bldg., Phila., archts.; adv. E. N.-R. Nov. 25. Noted Aug. 19.

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Md., Towson — AUDITORIUM and SUNDAY SCHOOL — Dec. 2, by G. N. Mackenzie, archt., Franklin Bldg., 1 story and basement, 40 x 116 ft., steel and stone, Chesapeake St. and Highland Ave., for Presbyterian Church, R. L. Riddle, pastor, 9 Pennsylvania Ave. $150,000. Vapor heating, slate roofing and hollow tile floors.

Ga., Athens—SCHOOL—Dec. 1, by University of Georgia, 3 story, 65 x 228 ft., rein.-con. and brick school. $190,000. Hentz, Reed & Alder, Chandler Bldg., Atlanta, archts.

Ind., Franklin — COLLEGE — Franklin College, C. E. Goodell, pres., taking bids rein.-con., brick and steel science building. $200,000. Coolidge & Hodgson, Corn Exch. Bldg., Chicago, Ill., archts.

Mich., Grosse Pointe (br. Detroit) — HIGH SCHOOL—Dec. 15, by C. A. Parcells, secy. Bd. Educ. Dist. 1, 2 story and basement, rein.-con., brick and steel, plain foundation, incl. swimming pool, Fisher Rd. $300,000. G. J. Haas, 2231 Park Ave., Detroit, archt. Noted Nov. 18.

Wis., Madison — MEDICAL SCHOOL — University of Wisconsin, J. D. Phillips, bus. mgr., taking bids 6 story and basement, 150 x 150 ft., rein.-con., brick and steel, plain foundation on campus. $600,000. A. Peabody, State Capitol, archt. Noted Nov. 11.

Wis., Racine—HIGH SCHOOL—Dec. 9, by A. H. Schafer, secy. Bd. Educ., William Horlick High School, 2 story and basement, brick, tile and concrete, plain foundation, Southside. $350,000. Former contract rescinded. J. M. Matson, Baker Blk., archt. Noted Nov. 4.

Calif., San Francisco—SCHOOL—Dec. 8, by Bd. Pub. Wks., Sherman School, fireproof, Union St., for City and San Francisco Co. $255,000. J. Reid, Jr., city archt.

Calif., San Luis Obispo—COLLEGE—Dec. 6, by Bd. Supervs. San Luis Obispo Co., remodeling 2 story and basement, 150 x 250 ft., brick and rein.-con. high school into Junior College building, for San Luis Obispo High School Bd. $383,000. T. C. Kistner & Co., 1121 Detwiler Bldg., Los Angeles, archts. Noted Nov. 18.

Bids Received

Pa., Darby—HIGH SCHOOL and GYMNASIUM—Bd. Educ., c/o J. E. Mellon, 1012 Pine St., Nov. 16, 2 story and basement, 133 x 137 ft., rein.-con. and brick, 6th and Walnut Sts., from Bowden Constr. Co., 1607 Summer St., $183,500 and $41,000 respectively. Noted Nov. 11.

Calif., Oakland — SCHOOL — Bd. Educ., Nov. 9, general contract, 1 story, steel and concrete addition to Elmhurst School, from Koepke Bros., Federal Bldg., $93,984. Noted Nov. 4.

Contracts Awarded

Mass., Auburn—SCHOOL—Town, School Bd., 2 story and basement, brick and stone, plain foundation, to Cummings Constr. Co., 14 Prospect St., Ware. Archts. est. $150,000. Noted Sept. 30.

Mass., Waltham (Ind. br. Boston) — CHURCH—Swedish Lutheran Church, J. E. Nelson, pastor, Main St., 2 story and basement, brick and stone, plain foundation, Weston St. near Eddy St., to W. Donaldson, 28 Centre St., Watertown. Archts. est $150,000. Noted Oct. 7.

R. I., East Providence (br. Providence)—SCHOOLS—Town, J. R. D. Oldham, supt. schools, three 1 and 2 story, brick schools, one at Riverside to J. D. Burns, East Providence; and others at Phillipsdale and Pawtucket Ave., to W. H. Noonan, 191 Mauran Ave., East Providence. Archts. est. $150,000. Noted Nov. 11.

N. Y., South Jamaica (mail Jamaica) — SCHOOL — W. H. Gompert, supt. School Buildings, Flatbush Ave. extension and Concord St., Brooklyn, Nov. 18, general contract P. S. 123, 119th St. from 145th to Inwood Sts., here, from Gibbs Rice Co., Inc., 130 Sheriff St., New York City, $437,300; heating, from Clermont Heating Co., 480 Clermont Ave., Brooklyn, $67,900, for Bd. Educ., 500 Park Ave., New York City. Noted Nov. 4.

N. C., High Point — CHURCH — First Presbyterian Church, sandstone and limestone church, 600 seating capacity, and Sunday school, to R. K. Stewart & Son, High Point, $165,000. Noted Nov. 11.

La., Mansfield—SCHOOL—Bd. Educ. De Soto Parish, general contract 2 story, brick, steel and stone, plain foundation, to J. H. Reddick, Fort Smith, $117,792. Noted Oct. 21.

O., Cincinnati—SCHOOL—Bd. Educ., 511 West Court St., 2 story and basement, brick and rein.-con., plain foundation, Rockdale St., to David Gordon Building Co., Burnet St., $303,033. Noted Oct. 7.

Wis., Milwaukee—SCHOOL—Eschweiler & Eschweiler, archts., 210 Mason St., 3 story and basement, 60 x 100 ft., rein.-con., brick and tile, plain foundation, 35th St., to J. G. Jansen, Inc., 3902 Burleigh St., for St. Thomas Aquinas Congregation, 676 36th St. Archts. est. $200,000. Noted Nov. 4.

Wis., Racine—SCHOOL—Bd. Educ., A. H. Schafer, bus. mgr., Washington Park High School, 3 story and basement, 250 x 400 ft., rein.-con., brick steel and stone, plain foundation, here, to Jacobson Bros., 410 Columbia Bldg., Duluth, Minn., $540,750. Noted Oct. 21.

Ia., Cedar Rapids — SCHOOL — Immaculate Conception Parish, 3rd Ave. and 10th St. E., general contract 3 story and basement, rein.-con and brick, 830 4th Ave. E., to T. F. Stark & Sons, 118 South 11th St. W. Archts. est. approximately $225,000. Noted July 29.

Tex., San Antonio—SEMINARY—Seminary Society of Oblate Fathers, St. Marys St., plans brick and stone seminary. $150,000. Work will probably be done by day labor. L. M. J. Dielmann, 306 East Commerce St., archt.

Calif., Richmond—HIGH SCHOOL—Bd. Educ., general contract six 1 and 2 story, brick buildings, to C. Overaa, 2105 Roosevelt Blvd., $456,475; plumbing, to J. E. O'Mara, 218 Clara St., San Francisco, $25,900; electrical work, to Butte Electric & Mfg. Co., 956 Folsom St., San Francisco, $36,200; heating and ventilating, to J. A. Nelson, 1375 Howard St., San Francisco, $62,381. Grand total $584,556. Noted Sept. 30.

Federal Government Work

Bids Desired

Me., Fort Fairfield—Post Office, etc.—Dec. 8, by Treas. Dept., at office Supervising Archt., Wash., D. C., U. S. Post Office and Court House, here.

N. Y., Sunmount—Storehouse, etc.—U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., rejected bids Sept. 28, storehouse, greenhouse, etc., at U. S. Veterans Hospital, here. Noted Oct. 7.

N. Y., Peekskill—Magazine Building—Nov. 30, at office United States Property & Disbursing Officer, 224 Heyward St., Brooklyn, Magazine building, at State Camp, here.

Del., New Castle — Removing Riprap Stone, etc.—Nov. 30, by U. S. Engineer Office, Phila., Pa., removing riprap stone and concrete plies from Delaware River, near here.

La., New Orleans—Earth Work—Dec. 7, by U. S. Engineer Office, Burdette St., 165,000 cu.yd. earthwork in Red River, Atchafalaya and Bayou Boeuf Levee Dist.

Ky., Fort Thomas—Incinerator—Dec. 6, by Quartermaster c/o Fort Thomas, 5 ton incinerator, can wash equipment and building.

Wis., Madison—Post Office—Dec. 14, by Treas. Dept., at office Supervising Archt., Wash., D. C., 3 story, stone U. S. Post Office and Court House, here. J. A. Wetmore, acting superv. archt.; adv. E. N.-R. Nov. 25.

Tex., Galveston—Jetty Repairs—Dec. 20, by U. S. Engineer Office, jetty repairs, South Jetty, Galveston Harbor; adv. E. N.-R. Nov. 25.

Bids Received

D. C., Anacostia—Hangar Doors—Spec. 5279—Bureau Yards & Docks, Navy Dept., Wash., D. C., hangar doors at Naval Air Station, here, from English Constr. Co., 15 West 91st St., New York City, N. Y., $21,300.

D. C., Wash.—Generator—Spec. 5293—Bureau Yards & Docks, Navy Dept., Wash., D. C., Nov. 17, engine driven generator at Naval Hospital, here, from R. Morton, 807 Equitable Bldg., Baltimore, Md., $11,150. Noted Nov. 4.

Ariz., San Carlos—Dam—U. S. Indian Irrigation Serv., 311 Federal Bldg., Los Angeles, Calif., C. W. Burke, comr., Nov. 10, constructing Coolidge Dam, near here, from Atkinson-Spicer Co., Edwards-Wildey Bldg., Los Angeles, $2,268,565. Noted Oct. 7.

Washington—Quarters—Spec. 5239—Bureau Yards & Docks, Navy Dept., Wash., D. C., Nov. 17, quarters at radio compass station, Klipson Beach, here, from M. O. Peabody, 633 4th St., Bremerton, $3,399. Noted Oct. 21.

Federal Government Work (Continued)

Contracts Awarded

Mass., Boston—Stand Pipe—Treas. Dept., Custom House, independent stand pipe and sprinkler system, U. S. Custom House, here, to Globe Automatic Sprinkler Co., 333 Washington St., $4,000. Noted Sept. 16.

Mass., Scituate—Waterworks, etc.—Spec. 5299—Bureau Yards & Docks, Navy Dept., Wash., D. C., improving water and sewerage systems, at Naval Radio Compass Station, here, to T. Mulcare, Inc., 64 Western Ave., Brighton. Noted Nov. 11.

Calif., Orland — Dam — Amburson Dam Co., (contractors) Alexander Bldg., San Francisco, sublet contract portion Stony Gorge Dam, here, to A. Haddlon, 239 Chenery St., Reno, Nev., for Dept. Interior, Bureau Reclamation, Wash., D. C. Noted Oct. 21.

Unclassified

Proposed Work

Swimming Pool—Portland, Me.—Bowdoin College plans concrete swimming pool. Engineer not selected.

School Grounds — Dorchester (Boston P. O.), **Mass.**—City, Schoolhouse Dept., Boston, plans developing land for school grounds in Edmund P. Tileston Dist., here. $25,000 or more. F. E. Slattery, chn.

Playground—Roxbury (Boston P. O.), **Mass.**—City, Street Layingout Dept., Boston, plans playground, Hutchins St., for Williams Lloyd Garrison School, here. $25,000. J. F. Sullivan, secy.

War Memorial — New Haven, Conn. — City, J. T. Tower, mayor, plans campaign raise $100,000 funds memorial to war veterans. Engineer not selected.

Docks and Oil Tanks—Wethersfield (br. Hartford), **Conn.**—Beacon Oil Co., 111 Devonshire St., Boston, Mass., plans docks and oil tanks on large acreage bordering Connecticut River, here. To exceed $40,000.

Power Development—North Carolina—A. A. Shuford, Hickory, and F. N. Laxton, Charlotte, plan power development on Wilson Creek, near here, incl. 250 high dam, power house and water line from dam to power house.

Land Development—Newbern, N. C.—Fort Totten Real Estate Co. plans suburban development, incl. concrete streets and sidewalks, electric lights, water, sewers and telephones. J. A. Meadows & J. H. Jones, Newbern, interested.

Terminal Facilities—Columbus, Miss.—Voted $75,000 bonds railroad terminal facilities. C. M. Reeves, city secy.

State Parks—Indiana—R. Lieber, dir. State Parks, State House, Indianapolis, making preliminary plans park known as "Dunes Park," on Lake Michigan, in Lake Co., incl. beach house inn, pedestrian walk and Fort Creek Conduit. $750,000. Engineer and architect not selected.

Swimming Pool—Grosse Pointe (br. Detroit), **Mich.**—See "Buildings—Educational, Religious."

Dock—Muskegon, Mich.—See "Excavation, Drainage, Irrigation, Levees, River and Harbors."

Swimming Pool — Chicago, Ill. — See "Buildings—Commercial."

Airplane Hangar—St. Paul, Minn.—Making plans 85 x 100 ft. airplane hangar, incl. machine shop, Municipal Field. $35,000. G. M. Shepard, city engr.

Central Heating Plant — Lees Summit, Mo. — See "Buildings — Educational, Religious."

Gas Pipe Line—Texas—Syndicate, c/o D. J. Shall, Koakum, plans 40 mi. gas pipe line, Edna to Yoakum. $75,000 or more.

Raw Sulphur Deposits Development—Van Horn, Tex.—Union Sulphur Co., Sulphur, La., making preliminary plans developing deposits raw sulphur in Culberson Co., here. $75,000. Private plans.

Zinc Mining Plant — Miami, Okla. — Century Zinc Co. making preliminary plans sinking shafts and building zinc plant. $100,000. Private plans.

Lighting System—Los Angeles, Calif.—Plans ornamental lighting system on West Blvd. between Jefferson and Exposition Blvds., Alma St. between Meyles and Leland Sts., 28th Pl. between Western Ave. and Cimarran St., and York Blvd. between Aves. 51 and 54. J. C. Shaw, City Hall, engr.

Wharves—St. Joachim, Que.—St. Anne Paper Co., Montreal, made plans wharves, here. $125,000. W. H. Howard, 2477 Hutchison St., Montreal, engr.

Water Power Development—Shawinigan Falls, Que.—A. Giguere plans developing 200 hp. in little river Shawinigan Falls. $800,000.

Wood Working Plant—St. Thomas, Ont.—Pere Marquette Ry., Elm St., Detroit, Mich., H. A. Cassil, ch. engr., plans new wood working plant, with electric motors, here. $125,000.

Entrance—Toronto, Ont.—Canadian Natl. Exhibition, Lumsden Bldg., having plans prepared by Chapman & Oxley, Northern Ontario Bldg., new stone, brick, steel and ornamental iron entrance gateway at Strachan Ave. into Exhibition Park. $160,000. Noted Nov. 4.

Skating Rink—Toronto, Ont.—Oakwood Skating Rink, Oakwood Theatre, plans large open air skating rink. $50,000. Private plans.

Bids Desired

Rubble Wall—Dorchester (Boston P. O.), **Mass.**—Nov. 29, by Dept. Pub. Wks., Boston, rubble wall, Morton St. from Canterbury St. to Morton Rd., here. $25,000. J. H. Sullivan, comr.

Elevated Line—Brooklyn, N. Y.—Dec. 3, by Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York City, constructing elevated connection of Bway.-4th Ave. line, Stillwell Ave. and Avenue X to Coney Island Yard.

Comfort Stations — New York, N. Y. — Dec. 1, by H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., constructing comfort stations, at Westchester and East Tremont Aves.; Mosholu Parkway and East Mosholu Parkway; also at 3rd and Lincoln Aves.

Subway — New York, N. Y. — Dec. 3 (extended date), by Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., constructing Sect. 3, Route 101 Rapid Transit R.R. under Church St., private property, intersecting street and 6th Ave. (extension), etc.; and Sect. 4, Route 101, under 6th Ave. (extension) and 6th Ave. from Watts to West 3rd Sts. Noted Nov. 11.

Outdoor Substation — Detroit, Mich. — Nov. 29, by Pub. Lighting Comn., 174 East Atwater St., furnishing and erecting outdoor substation, incl. 24,000 volt equipment for Substation 1, in connection with municipal power plant. Smith, Hinchman & Grylls, 800 Marquette Bldg., engrs.

Coke Ovens—Detroit, Mich.—See "Contracts Awarded."

Coal and Ash Handling Equipment—Milwaukee, Wis.—Nov. 29, by Dept. Pub. Wks., R. E. Stoelting, comr., furnishing and erecting coal and ash handling equipment for boiler house, North Pumping Sta. J. Schwada, city engr.

Street Lighting System—St. Louis, Mo.—Dec. 14, by Bd. Pub. Serv., 208 City Hall, lighting system in Dists. B and C, incl. approximately 3,200 concrete street lighting standards complete with glassware, lanterns, cable, etc. $650,000. J. Pritchard, dir.

Land Development—San Benito, Tex.—See "Contracts Awarded."

Grain Elevator—Los Angeles, Calif.—See "Contracts Awarded."

Gunite Concrete Lining—Ventura, Calif.—Dec. 7, by Supervs. Ventura Co., approximately 30,000 sq.ft. 2 in. Gunite concrete lining for 2,000 ft. ditch. C. W. Petit, Ventura, co. surv.

Bids Received

Subsidiary Pipes—New York, N. Y.—A. Goldman, comr. Plant & Structures, Municipal Bldg., Nov. 19, subsidiary pipes between manholes and traffic post locations, and erecting traffic control posts, etc. from W. F. Kenny Co., 44 East 23rd St., $22,339. Noted Nov. 11.

Steampipe System, etc.—Totowa (mail Paterson), **N. J.**—Dept. Institutions & Agencies, State House, Trenton, steampipe system for buildings at Feeble Minded Colony, here, from J. T. Evans, 158 South Main St., Wilkes-Barre, Pa., $43,356.

Signal Lights — Phila., Pa. — Delaware River Bridge Joint Comn., 806 Widener Bldg., Nov. 17, signal lights for Delaware River Bridge, from Ford, Kendig, 1428 Callowhill St., Phila., $46,736. Noted Nov. 11.

Contracts Awarded

Foundation—Somerville (Boston P. O.), **Mass.**—First Natl. Stores Inc., 384 Rutherford Ave., Charlestown, concrete foundation for 1 and 2 story, 500,000 sq.ft. floor space, rein.-con. and brick wholesale grocery plant, Mystic Ave., to Turner Constr. Co., 178 Tremont St., Boston. Engrs. est. to exceed $25,000. Noted under "Buildings—Commercial," Nov. 18.

Fire Alarm System—Trenton, N. J.—City Com., extending underground cable and electrical apparatus for fire alarm and police telegraph system, to Gamewell Co., 70 East 45th St., New York City, $35,955. Noted May 6.

Cable—New York, N. Y.—A. Goldman, comr. Plant & Structures, Municipal Bldg., lead covered cable along 10th and Amsterdam Aves., to J. Sugden Co., 67 West 44th St., $5,516. Noted Nov. 4 under "Materials."

Foundation — Cleveland, O. — Cleveland Club, c/o G. A. Rutherford, ch. building com., 2725 Prospect Ave., foundation for 12 story, brick, steel and concrete club house, East 107th St. and Carnegie Ave., to S. W. Emerson Co., 1836 Euclid Ave. Archts. total est. $1,500,000.

Swimming Pool — Cleveland, O. — See "Buildings—Commercial."

Wharf—West Palm Beach, Fla.—Bd. Comrs. Lake Worth Inlet Dist., Room 915, Comeau Bldg., wharf, to Tampa Sand & Shell Co., 915 Comeau Bldg., $420,953. Noted Aug. 5.

Coke Ovens—Detroit, Mich.—Semet Solvay Co., Solvay St., will build 50 steel, brick and concrete coke ovens, 900 tons p.d. capacity, by day labor. Private plans.

Storage Tanks—Wichita, Kan.—Red Star Milling Co., Wheeler, Kelley & Hogney Bldg., 48 storage tanks, 19 x 100 ft. high, 1,000,000 bu. capacity, to Jones-Hettelsater Eng. Co., 709 Mutual Bldg., Kansas City, Mo.

Land Development—San Benito, Tex.—Texas South Coast Co., R. J. Graham, secy., will develop 800 acres incl. paving and sidewalks on streets $115,000, sewers $125,000, swimming pool $60,000, and hotel $150,000, by day labor. W. E. Anderson, San Benito, constr. engr. S. W. Rider, Francisco Madero 5, Mexico City, Mexico, landscape engr. Noted Nov. 11.

Grain Elevator — Los Angeles, Calif. — California Milling Corp., 1861 East 55th St., will build rein.-con. elevator, consisting four 20 ft. cells, 100 ft. high connected by 6 x 9 ft. tunnel 45 ft. long, 7 in. walls, etc., by day labor and separate contracts, under supervision of owner. $20,000. E. Van Den Hoven, 72 I. W. Hellman Bank Bldg., archt.

Lighting System—Los Angeles, Calif.—Ornamental lighting system on Vermont Ave., to Newbery Electric Co., 726 South Olive St., $76,888.

Pier—Oakland, Calif.—E. K. Sturgis, city clk., 600 ft. rein.-con. pier, 419 ft. concrete piles, etc., Grove St., to Clinton Constr. Co., Folsom St. near 5th St., San Francisco, $514,960. Noted Nov. 18.

Grain Elevator—Brantford, Ont.—Lake of Woods Milling Co., Wharf St., general contract grain elevator rein.-con., to MacDonald Eng. Co., Canadian Pacific R.R. Bldg., Toronto. Engrs. est. $65,000.

Materials

Bids Desired

Fire Bricks—New York, N. Y.—Nov. 29, by P. J. Dooling, comr. Purchase, Municipal Bldg., fire bricks to Dept. Street Cleaning.

Brick—Franklin, Pa.—Dec. 6, by J. E. Long, secy. School Dist., exterior and interior brick for 3 story and basement, 100 x 140 ft., brick and steel Junior High School addition. J. E. Adams, Nemo Bldg., Johnstown, archt.

Gravel—Louisiana—Dec. 7, by State Hy. Comn., Baton Rouge, 5,500 cu.yd. washed gravel f.o.b. cars, Marksville, for surfacing Marksville-Center Point Highway, State Project 482-A, Avoyelles Parish. W. B. Robert, highway engr.

Lumber—Atlantic, Ia.—Dec. 6, at office Auditor Cass Co., lumber.

Bridge Timber, etc.—Creston, Ia.—Dec. 6, at office Auditor Union Co., 4 cars standard sawed bridge timber and 700 ft. corrugated culvert pipe. G. A. Perry, Creston, co. engr.

Rails, Timber and Ties—California—See "Railways."

Creosoted Lumber—Los Angeles, Calif.—Dec. 1, by City Harbor Comn., C. H. Spear, genl. mgr., Douglas fir, sel. com. timber and decking, switch ties, etc., for wharf at Berth 228 D and E.

Steel — Weed, Calif. — Dec. 1, by R. E. Swigart, secy. Montague Water Conservation Dist., reinforcing steel, square deformed, incl. 10 tons ½ in., 1.75 tons ⅞ in. and 27 tons ¾ in. bars, cut and bent; and 25 tons ½ in. bars, straight standard lengths.

Bids Received

Inorganic Dust—New York, N. Y.—J. Miller, pres. Manhattan Boro, Municipal Bldg., Nov. 18, 40 tons inorganic dust, from New York Trap Rock Co., 101 Park Ave., $2,176; and 100,000 gal. asphaltic cement, from Warner Quinlan Co., 79 Wall St., $6,270. Noted Nov. 11.

See proposal advertising on page 113

Constr. News page 351

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